














Thirty years' experience in research and production of cables has allowed ZAMEL to offer a wide range of cables and wires for electrotechnical purposes. CET cables and wires guarantee highest quality, reasonable prices, and quick order delivery. ZAMEL offers concentric cables, data cables, indoor and workshop cables, link and single wire installation cables, speaker and microphone cables, CETRONIC control cables, and telecommunication and signalling ca-

bles. CET cables include also connection cables with a manual or foot connector, and even foot connectors with a dimmer and presence simulation. ZAMEL also offers gel filled cables which are resistant to adverse weather conditions, in particular humidity, and which can be effectively used in outdoor installations, both on- and under-ground.

Cables CET

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Coaxial cables for TV aerials

RG 59-B/U coaxial cable



Symbol	Diameter of the main lead / cable core	Main lead section	Screen structure	Approximate outer diameter	Norm
RG 59-B/U	0,59/3,7 mm	0,27 mm ²	oplot Cu 90%	5,64	MIL-C-17/29C

Available insulation colour: white, black*.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices

**Description**

Coaxial cable with copper main lead, single wire, lead insulation: physically foamed polyethylene, outer coating: white polyvinyl chloride. Single screen made of copper braiding with an opacity of 90%.

Application

Wires used for TV aerials, satellite TV, computer networks. Indoor installations. Recommended for TV installations used to receive UHD (4K) resolution shows.



Product offered in short sections 50 m, 75 m with a tolerance of +5 m at special prices.



Availability in reels of cable lengths longer than 100 m.



Availability on non-returnable reels.



Availability on returnable cable reels.



Availability in cardboard packagings of 305 m.



CPR - kabel zgodny z normami CPR.



RoHS - cable compliant with the RoHS Directives.



RoHS - cable compliant with the RoHS directives.



UV - UV-resistant cable.



CE - cable meeting the EU directives.



Cable for outdoor use.



HF - cable in halogen-free coating.



Cable for laying in the ground.



Does not spread fire.



Moisture-resistant.

CESAT - coaxial wires for installation indoors

YWDXpek standard and TRISSET coaxial wires



Symbol	Main lead / cable core diameter	Main lead section	Screen structure	Approximate outer diameter	Norm
CESAT YWDXpek 75 1,0/4,8 (33 CuSn)	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + CuSn 33% braiding	6,82 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT YWDXpek 75 1,0/4,8 (77 CuSn)	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + CuSn 77% braiding	6,82 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT YWDXpek 75 1,13/4,8 (33 CuSn) Triset	1,13 / 4,8 mm	1,00 mm ²	Tinfoil/PET foil 100% + CuSn 33% braiding	6,88 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT YWDXpek 75 1,13/4,8 (77 CuSn) Triset	1,13 / 4,8 mm	1,00 mm ²	Tinfoil/PET foil 100% + CuSn 77% braiding	6,90 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT YWDXpek 75 1,15/5,0 (33 CuSn)	1,15 / 5,0 mm	1,04 mm ²	Tinfoil/PET foil 100% + CuSn 33% braiding	6,96 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008

Available insulation colour: white, black**.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Coaxial cable with copper main lead, single wire, lead insulation: physically foamed polyethylene, outer coating: white polyvinyl chloride.

Double screen made of tinfoil covering 100% of the core plus copper braiding, tinned with an opacity of 33% or 77%.

Application

Wires used for TV aerials, satellite TV, cable TV, computer networks. For indoor installation. Recommended for TV installations used to receive UHD (4K) resolution shows.

TRISHIELD YWDXpek coaxial wires



Symbol	Main lead / cable core diameter	Main lead section	Screen structure	Approximate outer diameter	Norm
CESAT YWDXpek 75 1,0/4,8 (33 CuSn) Trishield	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + CuSn 33% braiding + tinfoil/PET foil 100%	6,88 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT YWDXpek 75 1,0/4,8 (77 CuSn) Trishield	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + CuSn 77% braiding + tinfoil/PET foil 100%	6,88 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008

Available insulation colour: white, black**.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Coaxial cable with copper main lead, single wire, lead insulation: physically foamed polyethylene, outer coating: white polyvinyl chloride.

Triple screen made of tinfoil, covering 100% of the core plus copper braiding, tinned with an opacity of 33% or 77% plus tinfoil covering 100% of the core.

Application

Wires used for TV aerials, satellite TV, cable TV, computer networks. Indoor installations. Recommended for TV installations used to receive UHD (4K) resolution shows.

* Individually prepared production on customer's request.

** Individual order with specified production minimum.

Halogen-free HWDXpek coaxial wires



Symbol	Main lead / cable core diameter	Main lead section	Screen structure	Approximate outer diameter	Norm
CESAT HWDXpek 75 1,0/4,8 (33 CuSn)	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + + CuSn 33% braiding	6,72 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT HWDXpek 75 1,0/4,8 (77 CuSn)	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + + CuSn 77% braiding	6,72 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT HWDXpek 75 1,13/4,8 (33 CuSn) Triset	1,13 / 4,8 mm	1,00 mm ²	Tinfoil/PET foil 100% + + CuSn 33% braiding	6,88 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT HWDXpek 75 1,15/5,0 (33 CuSn)	1,15 / 5,0 mm	1,04 mm ²	Tinfoil/PET foil 100% + + CuSn 33% braiding	6,86 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008

Available insulation colour: white.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Halogen-free coaxial cable with copper main lead, single wire, lead insulation: physically foamed polyethylene, outer coating: white polyvinyl chloride. Double screen made of tinfoil, covering 100% of the core plus copper braiding, tinned with an opacity of 33% or 77%. The halogen-free coating prevents the release of toxic and harmful gases released in reaction to fire. The polymers it contains also limit combustion.

Application

Wires used for TV aeriels, satellite TV, cable TV, computer networks. Indoor installations. Recommended for TV installations used to receive UHD (4K) resolution shows.

Halogen-free TRISHIELD HWDXpek coaxial wires



Symbol	Main lead / cable core diameter	Main lead section	Screen structure	Approximate outer diameter	Norm
CESAT HWDXpek 75 1,0/4,8 (33 CuSn) Trishield	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + + CuSn 33% braiding + tinfoil/PET foil 100%	6,78 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT HWDXpek 75 1,0/4,8 (77 CuSn) Trishield	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + + CuSn 77% braiding + tinfoil/PET foil 100%	6,78 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008

Available insulation colour: white.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Coaxial cable with copper main lead, single wire, lead insulation: physically foamed polyethylene, outer coating: white polyvinyl chloride. Triple screen made of tinfoil, covering 100% of the core plus copper braiding, tinned with an opacity of 33% or 77% plus tinfoil covering 100% of the core. The halogen-free coating prevents the release of toxic and harmful gases released in reaction to fire. The polymers it contains also limit combustion.

Application

Wires used for TV aeriels, satellite TV, cable TV, computer networks. Indoor installations. Recommended for TV installations used to receive UHD (4K) resolution shows.

CESAT - coaxial wires for outdoor installation and laying in the ground

XWDXpek coaxial wire (outdoor installations)



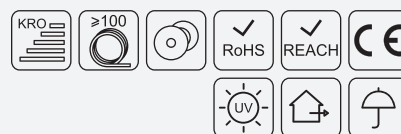
Symbol	Main lead / cable core diameter	Main lead section	Screen structure	Approximate outer diameter	Norm
CESAT XWDXpek 75 1,0/4,8 (33 CuSn); black UV	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + CuSn 33% braiding	6,82 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008

Available insulation colour: black.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Coaxial cable with copper main lead, single wire, lead insulation: physically foamed polyethylene, outer coating: UV-resistant black polyvinyl chloride. Double screen made of tinfoil, covering 100% of the core plus copper braiding, tinned with an opacity of 33%. The XWDXpek version has black polyethylene coating, resistant to UV and adverse atmospheric conditions.

Application

Wires used for TV aerials, satellite TV, cable TV, computer networks. For indoor installation. Recommended for TV installations used to receive UHD (4K) resolution shows.

XzWDXpekwx coaxial wire (for laying in the ground)



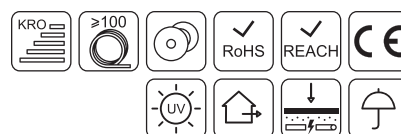
Symbol	Main lead / cable core diameter	Main lead section	Screen structure	Approximate outer diameter	Norm
CESAT XzWDXpekwx 75 1,0/4,8 (33 CuSn); black UV;	1,0 / 4,8 mm	0,78 mm ²	Tinfoil/PET foil 100% + + CuSn 33% braiding	6,82 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT XzWDXpekwx 75 1,13/4,8 (33 CuSn); black UV;	1,13 / 4,8 mm	1,00 mm ²	Tinfoil/PET foil 100% + + CuSn 33% braiding	6,82 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008

Available insulation colour: black.

Confection: • standard: 500 m, 1000 m (spool),

• individual*: 100 m, 150 m, 200 m (reel),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Coaxial cable with copper main lead, single wire, lead insulation: physically foamed polyethylene, outer coating: UV-resistant black polyvinyl chloride. Double screen made of tinfoil, covering 100% of the core plus copper braiding, tinned with an opacity of 33%. The XzWDXpekwx version has gel filling that absorbs the moisture from the cable's surroundings.

Application

Wires used for TV aerials, satellite TV, cable TV, computer networks. For indoor installation. The XzWDXpekwx version is meant for laying directly in the ground. Recommended for TV installations used to receive UHD (4K) resolution shows.

* Individually prepared production on customer's request.

** Individual order with specified production minimum.

CESAT - Wires for industrial TVs (video surveillance)



Symbol	Main lead / cable core diameter + diameters of power leads	Main lead section	Screen structure	Approximate outer diameter, coaxial / powering part	Norm
CESAT YWDXpek 75 1,0/4,8 + OMY 2x1,0	1,0 / 4,8 mm + 2x2,24 mm	0,78 mm ² + 2 x 1,0 mm ²	Tinfoil/PET foil 100% + CuSn 33% braiding	6,52 mm / 5,64 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
YWDeK 75 0,59/3,7 + OMY 2x0,5	0,59 / 3,7 mm + 2x1,86 mm	0,27 mm ² + 2 x 0,59 mm ²	Tinfoil/PET foil 100% + CuSn 33% braiding	6,12 mm / 4,89 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
CESAT YWDXpek 75 1,0/4,8 + OMY 2x1,0; black UV	1,0 / 4,8 mm + 2x2,24 mm	0,78 mm ² + 2 x 1,0 mm ²	Tinfoil/PET foil 100% + CuSn 33% braiding	6,52 mm / 5,64 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008
YWDeK 75 0,59/3,7 + OMY 2x0,5; black UV	0,59 / 3,7 mm + 2x1,86 mm	0,27 mm ² + 2 x 0,59 mm ²	Tinfoil/PET foil 100% + CuSn 33% braiding	6,12 mm / 4,89 mm	PN-EN 50117 PN-EN 60728-4:2008 PN-EN 50083:2008

Available insulation colour: white.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool),



Description

Coaxial wire mechanically connected to the power wire. The concentric wire has a single-wire copper main lead; lead insulation: physically foamed polyethylene; outer insulation: white polyvinyl chloride. Double screen made of tinfoil, covering 100% of the core plus copper braiding, tinned with an opacity of 33%. Powering part made of an OMY 2x0,5 wire with multi-wire leads. The YWDeK and YWDXpek versions are also made with black, UV-resistant PVC coating.

Application

For use in industrial TV, video surveillance, etc. The white YWDeK and YWDXpek versions are recommended for indoor use. The black YWDeK and YWDXpek versions are recommended for outdoor use.

Unshielded data cables



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
UTP kat. 5e 4x2x0,50	4x2x0,5 mm	0,20 mm ²	5,17 mm	100 Ω	500 MΩ/km	ISO/IEC 11801:2000

Available insulation colour: grey.

- Confection:
- standard: 100 m (reel), 305 m (cardboard packaging),
 - individual*: 500 m, 1000 m, (reel, spool),
 - KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.

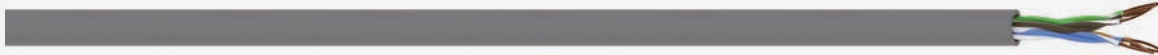


Description

Solid copper conductor with pair twisted strands of 0,5 mm diameter each. Conductors' insulation made of polyethylene. The outer sheath made of PVC (grey). Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 125 MHz frequency.

Application

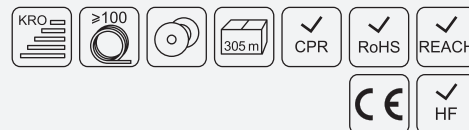
The cables are used for connection of telephone, transmission and data processing devices. Data communication networks (structural indoor). Conformity with RoHS, REACH. CPR class: Eca.



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
UTP kat. 5e 4x2x0,5 LSOH	4x2x0,5 mm	0,20 mm ²	5,17 mm	100 Ω	500 MΩ/km	ISO/IEC 11801:2000

Available insulation colour: grey.

- Confection:
- standard: 100 m (reel), 305 m (cardboard packaging),
 - individual*: 500 m, 1000 m, (reel, spool),
 - KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Solid copper conductor with pair twisted strands of 0,5 mm diameter each. Conductors' insulation is made of polyethylene. The outer sheath is made of PVC (grey) - halogen-free insulation. Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 125 MHz frequency.

Application

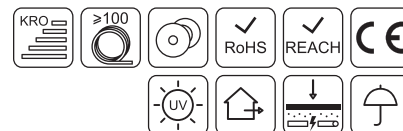
The cables are used for connection of telephone and transmission devices and data processing. Data communication networks (structural indoor). Places with increased fire risk and fire protection installations. Conformity with RoHS, REACH.



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
UTPw kat. 5e 4x2x0,50	4x2x0,5 mm	0,20 mm ²	6,44 mm	100 Ω	500 MΩ/km	ISO/IEC 11801:2000

Available insulation colour: black.

- Confection:
- standard: 100 m (reel),
 - individual*: 305 m, 500 m, 1000 m, (reel, spool),
 - KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Copper conductors with pair twisted strands of 0,5 mm diameter each. Conductors' insulation is made of polyethylene. The stranding element is filled with sealing gel. The outer sheath is made polyethylene (black). Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 125 MHz frequency.

Application

The cables are used for connection of telephone and transmission devices and data processing. Data communication networks (structural indoor). Places with increased humidity. It can be placed in the ground. Conformity with RoHS, REACH.

* Individually prepared production on customer's request.

** Individual order with specified production minimum.

Unshielded data cables



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
UTP kat. 6 4x2x0,6	4x2x0,6 mm	0,28 mm ²	6,7 mm	100 Ω	500 MΩ/km	ISO/IEC 11801:2000

Available insulation colour: grey.

Confection: • standard: 100 m (reel), 305 m (cardboard packaging),

• individual*: 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Single copper conductors with pair twisted strands of 0,6 mm diameter each. Stranding element – PVC rosette separating pair twisted strands. Conductors' insulation is made of polyethylene. The outer sheath is made of PVC (grey). Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 250 MHz frequency.

Application

The cables are used for connection of telephone and transmission devices and data processing. Data communication networks (structural indoor). Conformity with RoHS, REACH. CPR class: Eca.



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
UTP kat. 6 4x2x0,6 LSOH	4x2x0,6 mm	0,28 mm ²	6,7 mm	100 Ω	500 MΩ/km	ISO/IEC 11801:2000

Available insulation colour: grey.

Confection: • standard: 100 m, 305 m, 500 m, 1000 m (reel, spool, cardboard packaging),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Solid copper conductors with pair twisted strands of 0,6 mm diameter each.

Conductors' insulation is made of polyethylene. The outer sheath is made of PVC (grey) - halogen-free insulation. Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 250 MHz frequency.

Application

The cables are used for connection of telephone and transmission devices and data processing. Data communication networks (structural indoor). Places with increased fire risk and fire protection installations. Conformity with RoHS, REACH.



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
UTPz kat. 5e 4x2x0,5	4x2x0,5 mm	0,20 mm ²	6,00 mm	100 Ω	500 MΩ/km	EN 50173-1

Available insulation colour: black.

Konfekcja: • standard: 100 m, 500 m, 1000 m (reel, spool),

• individual*: 305 m (reel).



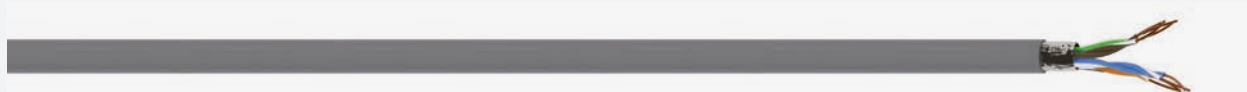
Description

Solid copper conductor with pair twisted strands of 0,5 mm diameter each. Conductors' insulation made of polyethylene. The outer sheath made of polyethylene (black). Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, black / black-white. The cable transfers a signal on 125 MHz frequency. The outer sheath is made of PVC resistant to UV radiation, weather conditions.

Application

The cables are used for connection of telephone and transmission devices and data processing. Data communication networks. Exterior application. Conformity with RoHS, REACH.

Shielded data cables



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
FTP kat. 5e 4x2x0,50	4x2x0,5 mm	0,20 mm ²	6,1 mm	100 Ω	500 MΩ/km	ISO/IEC 11801:2000

Available insulation colour: grey.

Confection: • standard: 100 m (reel), 305 m (cardboard packaging),

• individual*: 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Solid copper conductors with pair twisted strands of 0,5 mm diameter each. The shield common for all pair twisted strands is made of AL/PET foil. Conductors' insulation is made of polyethylene. The outer sheath is made of PVC (grey). Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 125 MHz frequency.

Application

The cables are used for connection of telephone and transmission devices and data processing. Data communication networks (structural indoor). Conformity with RoHS, REACH. CPR class: Eca.



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
FTP kat. 5e 4x2x0,5 LSOH	4x2x0,5 mm	0,20 mm ²	6,1 mm	100 Ω	500 MΩ/km	ISO/IEC 11801:2000

Available insulation colour: grey.

Confection: • standard: 100 m, 305 m, 500 m, 1000 m (reel, spool, cardboard packaging),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Solid copper conductors with pair twisted strands of 0,5 mm diameter each.

The shield common for all pair twisted strands is made of AL/PET foil. Conductors' insulation is made of polyethylene. The outer sheath is made of PVC (grey) - halogen-free insulation. Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 250 MHz frequency.

Application

The cables are used for connection of telephone and transmission devices and data processing. Data communication networks (structural indoor). Places with increased fire risk and fire protection installations. Conformity with RoHS, REACH.

* Individually prepared production on customer's request.

** Individual order with specified production minimum.

Shielded data cables



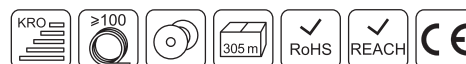
Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
FTP kat. 6 4x2x0,6	4x2x0,6 mm	0,28 mm ²	6,7 mm	100 Ω	500 MΩ/km	ISO/IEC 11801:2000

Available insulation colour: grey.

Confection: • standard: 100 m (reel), 305 m (cardboard packaging),

• individual*: 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Solid copper conductors with pair twisted strands of 0,6 mm diameter each. The shield common for all pair twisted strands is made of AL/PET foil. Conductors' insulation is made of polyethylene. The outer sheath is made of PVC (grey). Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 250 MHz frequency.

Application

The cables are used for connection of telephone and transmission devices and data processing. Data communication networks (structural indoor). Conformity with RoHS, REACH. CPR class: Eca.



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
FTPw kat. 5e 4x2x0,50	4x2x0,5 mm	0,20 mm ²	7,08 mm	100 Ω	500 MΩ/km	ISO/IEC 11801:2000

Available insulation colour: black.

Confection: • standard: 100 m, 305 m, 500 m, 1000 m (reel, spool, cardboard packaging),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Solid copper conductors with pair twisted strands of 0,5 mm diameter each.

The shield common for all pair twisted strands is made of AL/PET foil. The stranding element is filled with sealing gel. Conductors' insulation is made of polyethylene. The outer sheath is made of polyethylene (black). Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 125 MHz frequency.

Application

The cables are used for connection of telephone and transmission devices and data processing. Data communication networks (structural outdoor). Places with increased humidity. It can be placed in the ground. Conformity with RoHS, REACH.



Symbol	Conductor's structure	Conductor cross-section	Outer wire diameter	Impedance	Insulation resistance	Reference standard
FTPz kat. 5e 4x2x0,5	4x2x0,5 mm	0,20 mm ²	6,1 mm	100 Ω	500 MΩ/km	EN 50173-1

Available insulation colour: black.

Confection: • standard: 100 m, 500 m, 1000 m (reel, spool),

• individual*: 305 m (reel).



Description

Solid copper conductors with pair twisted strands of 0,5 mm diameter each.

The shield common for all pair twisted strands is made of AL/PET foil. Conductors' insulation is made of polyethylene. The outer sheath is made of polyethylene (grey). Conductors' colours: green / green-white, orange / orange-white, blue / blue-white, brown / brown-white. The cable transfers a signal on 125 MHz frequency. The outer sheath is made of PVC resistant to UV radiation, weather conditions. The shield common for all pair twisted strands is made of AL/PET foil.

Application

The cables are used for connection of telephone and transmission devices and data processing. Data communication networks. Exterior application. Conformity with RoHS, REACH.



* Individually prepared production on customer's request.

Telecommunication cables unshielded



Symbol	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YTKSY 1x2x0,50	1x2x0,5 mm	0,82 mm	3,09 mm	500 MΩ/km	T-90320:1992
YTKSY 1x4x0,50	1x4x0,5 mm	0,82 mm	3,43 mm	500 MΩ/km	T-90320:1992
YTKSY 2x2x0,50	2x2x0,5 mm	0,82 mm	4,23 mm	500 MΩ/km	T-90320:1992
YTKSY 3x2x0,50	3x2x0,5 mm	0,82 mm	4,44 mm	500 MΩ/km	T-90320:1992
YTKSY 4x2x0,50	4x2x0,5 mm	0,82 mm	4,81 mm	500 MΩ/km	T-90320:1992
YTKSY 5x2x0,50	5x2x0,5 mm	0,82 mm	5,38 mm	500 MΩ/km	T-90320:1992
YTKSY 6x2x0,50	6x2x0,5 mm	0,82 mm	5,82 mm	500 MΩ/km	T-90320:1992
YTKSY 7x2x0,50	7x2x0,5 mm	0,82 mm	5,82 mm	500 MΩ/km	T-90320:1992
YTKSY 10x2x0,50	10x2x0,5 mm	0,82 mm	8,1 mm	500 MΩ/km	T-90320:1992

Available insulation colour: white.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.

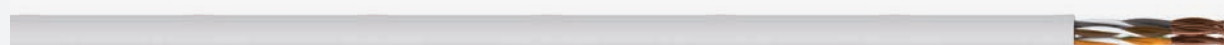


Description

Telecommunication cable – station with solid copper conductors. Pair twisted conductors. Conductors' insulation and outer sheath made of polyvinyl chloride.

Application

The cables are used for connection of telephone and transmission devices and data processing. Application: indoor. Conformity with RoHS, REACH. CPR class: Eca.



Symbol	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YTKSY 1x2x0,80	1x2x0,8 mm	1,39 mm	4,05 mm	500 MΩ/km	T-90320:1992
YTKSY 2x2x0,80	2x2x0,8 mm	1,39 mm	6,03 mm	500 MΩ/km	T-90320:1992
YTKSY 3x2x0,80	3x2x0,8 mm	1,39 mm	6,55 mm	500 MΩ/km	T-90320:1992
YTKSY 5x2x0,80	5x2x0,8 mm	1,39 mm	8,16 mm	500 MΩ/km	T-90320:1992

Available insulation colour: white.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool).



Description

Telecommunication cable – station with solid copper conductors. Pair twisted conductors. Conductors' insulation and outer sheath made of polyvinyl chloride.

Application

The cables are used for connection of telephone and transmission devices and data processing. Application: indoor. Conformity with RoHS, REACH. CPR class: Eca.

Telecommunication cables shielded



Symbol	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YTKSYekw 1x2x0,50	1x2x0,5 mm	0,82 mm	3,41 mm	500 MΩ/km	T-90320:1992
YTKSYekw 1x4x0,50	1x4x0,5 mm	0,82 mm	3,75 mm	500 MΩ/km	T-90320:1992
YTKSYekw 2x2x0,50	2x2x0,5 mm	0,82 mm	4,55 mm	500 MΩ/km	T-90320:1992
YTKSYekw 3x2x0,50	3x2x0,5 mm	0,82 mm	4,76 mm	500 MΩ/km	T-90320:1992
YTKSYekw 4x2x0,50	4x2x0,5 mm	0,82 mm	5,13 mm	500 MΩ/km	T-90320:1992
YTKSYekw 5x2x0,50	5x2x0,5 mm	0,82 mm	5,8 mm	500 MΩ/km	T-90320:1992
YTKSYekw 6x2x0,50	6x2x0,5 mm	0,82 mm	6,25 mm	500 MΩ/km	T-90320:1992
YTKSYekw 7x2x0,50	7x2x0,5 mm	0,82 mm	6,25 mm	500 MΩ/km	T-90320:1992
YTKSYekw 10x2x0,50	10x2x0,5 mm	0,82 mm	8,52 mm	500 MΩ/km	T-90320:1992

Available insulation colour: white.

Confection: • standard: 100 m (reel),
 • individual*: 200 m, 500 m, 1000 m (reel, spool).



Description

Telecommunication cable – station with solid copper conductors. The shield common for all pair twisted strands is made of AL/PET foil. Shield coverage degree 100%. Pair twisted conductors. Conductors' insulation and outer sheath made of polyvinyl chloride.

Application

The cables are used for connection of telephone and transmission devices and data processing. In installations exposed to electromagnetic disturbances. Application: indoor. Conformity with RoHS, REACH. CPR class: Eca.



Symbol	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YTKSYekw 1x2x0,80	1x2x0,8 mm	1,39 mm	5,13 mm	500 MΩ/km	T-90320:1992
YTKSYekw 2x2x0,80	2x2x0,8 mm	1,39 mm	6,53 mm	500 MΩ/km	T-90320:1992
YTKSYekw 3x2x0,80	3x2x0,8 mm	1,39 mm	7,05 mm	500 MΩ/km	T-90320:1992
YTKSYekw 5x2x0,80	5x2x0,8 mm	1,39 mm	8,25 mm	500 MΩ/km	T-90320:1992

Available insulation colour: white.

Confection: • standard: 100 m (reel),
 • individual*: 200 m, 500 m, 1000 m (reel, spool).



Description

Telecommunication cable – station with solid copper conductors. Pair twisted conductors. The shield common for all pair twisted strands is made of AL/PET foil. Shield coverage degree 100%. Conductors' insulation and outer sheath made of polyvinyl chloride.

Application

The cables are used for connection of telephone and transmission devices and data processing. In installations exposed to electromagnetic disturbances. Application: indoor. Conformity with RoHS, REACH. CPR class: Eca.

Unshielded, flame retardant coating telecommunication cables



Symbol	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YnTKSY 1x4x0,50	1x4x0,5 mm	0,82 mm	2,89 mm	500 MΩ/km	T-90320:1992
YnTKSY 1x2x0,80	1x2x0,8 mm	1,39 mm	4,05 mm	500 MΩ/km	T-90320:1992
YnTKSY 1x4x0,80	1x4x0,8 mm	1,39 mm	4,62 mm	500 MΩ/km	T-90320:1992
YnTKSY 2x2x0,80	2x2x0,8 mm	1,39 mm	6,00 mm	500 MΩ/km	T-90320:1992
YnTKSY 3x2x0,80	3x2x0,8 mm	1,39 mm	6,55 mm	500 MΩ/km	T-90320:1992
YnTKSY 4x2x0,80	4x2x0,8 mm	1,39 mm	7,18 mm	500 MΩ/km	T-90320:1992
YnTKSY 1x2x1,00	1x2x1,0 mm	1,60 mm	4,45 mm	500 MΩ/km	T-90320:1992

Available insulation colour: red.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool).



Description

Telecommunication cable – station with solid copper conductors. Pair twisted conductors. Conductors' insulation and outer sheath made of polyvinyl chloride with increased oxygen index in red. Feature: flame retardant.

Application

The cables are used for connection of telephone and transmission devices and data processing. In installations exposed to electromagnetic disturbances. The cable is not designed for fire protection installations. Conformity with RoHS, REACH.

Shielded, flame retardant coating telecommunication cables



Symbol	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YnTKSYekw 1x4x0,50	1x4x0,5 mm	0,82 mm	3,78 mm	500 MΩ/km	T-90320:1992
YnTKSYekw 1x2x0,80	1x2x0,8 mm	1,39 mm	4,59 mm	500 MΩ/km	T-90320:1992
YnTKSYekw 2x2x0,80	2x2x0,8 mm	1,39 mm	6,53 mm	500 MΩ/km	T-90320:1992
YnTKSYekw 3x2x0,80	3x2x0,8 mm	1,39 mm	7,27 mm	500 MΩ/km	T-90320:1992
YnTKSYekw 4x2x0,80	4x2x0,8 mm	1,39 mm	7,9 mm	500 MΩ/km	T-90320:1992
YnTKSYekw 1x2x1,00	1x2x1,0 mm	1,60 mm	5,4 mm	500 MΩ/km	T-90320:1992

Available insulation colour: red.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool).



Description

Telecommunication cable – station with solid copper conductors. Pair twisted conductors. The shield common for all pair twisted strands is made of AL/PET foil. Shield coverage degree 100%. Conductors' insulation and outer sheath made of polyvinyl chloride with increased oxygen index in red. Feature: flame retardant.

Application

The cables are used for connection of telephone and transmission devices and data processing. In installations exposed to electromagnetic disturbances. The cable is not designed for fire protection installations. Conformity with RoHS, REACH.

* Individually prepared production on customer's request.

Telecommunication installation cables with solid, unshielded conductors

Symbol	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YTDY 2x0,50	2x0,5 mm	0,82 mm	2,73 mm	200 MΩ/km	IEC 60 189-1
YTDY 4x0,50	4x0,5 mm	0,82 mm	3,07 mm	200 MΩ/km	IEC 60 189-1
YTDY 6x0,50	6x0,5 mm	0,82 mm	3,55 mm	200 MΩ/km	IEC 60 189-1
YTDY 7x0,50	7x0,5 mm	0,82 mm	3,55 mm	200 MΩ/km	IEC 60 189-1
YTDY 8x0,50	8x0,5 mm	0,82 mm	3,79 mm	200 MΩ/km	IEC 60 189-1
YTDY 10x0,50	10x0,5 mm	0,82 mm	4,46 mm	200 MΩ/km	IEC 60 189-1
YTDY 12x0,50	12x0,5 mm	0,82 mm	4,59 mm	200 MΩ/km	IEC 60 189-1

Available insulation colour: white.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Telecommunication installation cable. Conductors' structure: solid copper conductor. Conductor's internal insulation and outer sheath made of polyvinyl chloride.

Application

Cable used for permanent, internal connections in telecommunication and electronic devices. Alarm and door entry system installations. Conformity with RoHS, REACH. CPR class: Eca.

Telecommunication installation cables with solid, shielded conductors

Symbol	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YTDYekw 4x0,50	4x0,5 mm	0,82 mm	3,87 mm	200 MΩ/km	IEC 60 189-1
YTDYekw 6x0,50	6x0,5 mm	0,82 mm	4,35 mm	200 MΩ/km	IEC 60 189-1
YTDYekw 8x0,50	8x0,5 mm	0,82 mm	4,6 mm	200 MΩ/km	IEC 60 189-1
YTDYekw 10x0,50	10x0,5 mm	0,82 mm	5,17 mm	200 MΩ/km	IEC 60 189-1

Available insulation colour: white.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool).



Description

Telecommunication installation cable. Conductors' structure: solid copper conductor. The shield common for all pair twisted strands is made of AL/PET foil. Shield coverage degree 100%. Conductors' internal insulation and outer sheath made of polyvinyl chloride.

Application

Cable used for permanent, internal connections in telecommunication and electronic devices. In installations exposed to electromagnetic disturbances. Alarm and door entry system installations. Conformity with RoHS, REACH. CPR class: Eca.

Symbol	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
TDY 1x0,50**	1x0,5 mm	0,82 mm	0,98 mm	200 MΩ/km	IEC 60 189-1

Available insulation colour: brown, white, black, blue, green***.

Confection: • standard: 100 m (reel),

• individual*: 1000 m, 1500 m (reel, spool).



Description

Telecommunication installation solid conductor cable. Conductor's structure: solid copper conductor. Outer sheath made of polyvinyl chloride.

Application

Cable used for permanent, internal connections in telecommunication and electronic devices. Conformity with RoHS, REACH. CPR class: Eca.

Telecommunication installation cables with multi-stranded conductors

Symbol	Conductor's structure	Outer wire diameter	Insulation resistance	Reference standard
YTLY 2x0,15	2x0,15 mm ²	3,18 mm	200 MΩ/km	IEC 60 189-1

Available insulation colour: white

Confection: • standard: 100 m (reel),

- individual*: 200 m, 500 m, 1000 m (reel, spool)



Description

Telecommunication installation double wire conductor cable. Conductor's structure: stranded copper wire. Inner and outer sheath made of polyvinyl chloride.

Application

Cable used for permanent, internal connections in telecommunication and electronic devices. Conformity with RoHS, REACH.

* Individually prepared production on customer's request.

** Individual order with specified production minimum.

*** Possible different insulation colour on customer's request based on a preceded order with specified production minimum.

Loudspeaker cables



Symbol	Supply voltage	Conductor's structure	Outer wire diameter	Insulation resistance	Reference standard
TLYp 2x0,35**	50 V	2x0,35 mm ²	1,97 x 3,93 mm	500 MΩ/km	ZN-CET-8/05
TLYp 2x0,50	50 V	2x0,5 mm ²	2,08 x 4,15 mm	500 MΩ/km	ZN-CET-8/05
TLYp 2x0,75	50 V	2x0,75 mm ²	2,32 x 4,64 mm	500 MΩ/km	ZN-CET-8/05
TLYp 2x1,00	50 V	2x1,0 mm ²	2,60 x 5,20 mm	500 MΩ/km	ZN-CET-8/05

Available insulation colour: white, black.

Confection: • standard: 100 m (reel),

- individual*: 200 m, 500 m, 1000 m (reel, spool).



Description

Loudspeaker cable with multi-stranded copper conductors. Insulation made of polyvinyl chloride. Flat cross-section. One wire marked with a red stripe.

Application

Cable used for connection between amplifiers and loudspeakers. Conformity with RoHS, REACH. CPR class: Eca.



Symbol	Supply voltage	Conductor's structure	Outer wire diameter	Insulation resistance	Reference standard
TLgYp 2x0,75	50 V	2x0,75 mm ²	2,42 x 4,84 mm	500 MΩ/km	ZN-CET-8/05
TLgYp 2x1,00	50 V	2x1,0 mm ²	2,84 x 5,68 mm	500 MΩ/km	ZN-CET-8/05
TLgYp 2x1,50	50 V	2x1,5 mm ²	3,13 x 6,26 mm	500 MΩ/km	ZN-CET-8/05
TLgYp 2x2,50	50 V	2x2,5 mm ²	3,57 x 7,14 mm	500 MΩ/km	ZN-CET-8/05

Available insulation colour: transparent.

Confection: • standard: 100 m (reel),

- individual*: 200 m, 500 m, 1000 m (reel, spool),
- KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Loudspeaker cable with multi-stranded copper conductors of increased flexibility. Insulation made of polyvinyl chloride. Flat cross-section. One wire marked with a black stripe.

Application

Cable used for connection between amplifiers and loudspeakers. Conformity with RoHS, REACH. CPR class: Eca.

Flexible stranded-conductor cables

Symbol	Supply voltage	Conductor's structure	Outer wire diameter	Insulation resistance	Reference standard	Counterpart
LgY 1x0,50 300/500	300/500 V	1x0,5 mm ²	2,06 mm	0,013 MΩ/km	PN-HD 21-3	H05V-K
LgY 1x0,75 300/500	300/500 V	1x0,75 mm ²	2,26 mm	0,011 MΩ/km	PN-HD 21-3	H05V-K
LgY 1x1,00 300/500	300/500 V	1x1,0 mm ²	2,44 mm	0,01 MΩ/km	PN-HD 21-3	H05V-K
LgY 1x1,50 300/500	300/500 V	1x1,5 mm ²	2,7 mm	0,0085 MΩ/km	PN-HD 21-3	H05V-K
LgY 1x2,50 300/500	300/500 V	1x2,5 mm ²	3,19 mm	0,0071 MΩ/km	PN-HD 21-3	H05V-K
LgY 1x1,00 450/750	450/750 V	1x1,0 mm ²	2,84 mm	0,01 MΩ/km	PN-HD 21-3	H07V-K
LgY 1x1,50 450/750	450/750 V	1x1,5 mm ²	3,1 mm	0,011 MΩ/km	PN-HD 21-3	H07V-K
LgY 1x2,50 450/750	450/750 V	1x2,5 mm ²	3,59 mm	0,01 MΩ/km	PN-HD 21-3	H07V-K

Available insulation colour: white, black, blue, brown, yellow-green.

Confection: • standard: 100 m (reel),

• individual*: 1000 m, 1500 m (reel, spool).



Description

Solid conductor cable. Conductor's structure: multi-stranded. Insulation made of polyvinyl chloride. Available in harmonized versions: H05V-K, H07V-K.

Application

Cable used for permanent wiring and for installations exposed to vibrations, where wiring conditions require numerous bending. Conformity with RoHS, REACH.

Flexible stranded-conductor, heat-resistant insulation cables

Symbol	Supply voltage	Conductor's structure	Outer wire diameter	Insulation resistance	Reference standard	Counterpart
LgYc 1x0,50 300/500	300/500 V	1x0,5 mm ²	2,06 mm	0,01 MΩ/km	PN-HD 21-3	H05V2-K
LgYc 1x0,75 300/500	300/500 V	1x0,75 mm ²	2,26 mm	0,011 MΩ/km	PN-HD 21-3	H05V2-K
LgYc 1x1,00 300/500	300/500 V	1x1,0 mm ²	2,44 mm	0,01 MΩ/km	PN-HD 21-3	H05V2-K
LgYc 1x1,50 300/500	300/500 V	1x1,5 mm ²	2,70 mm	0,01 MΩ/km	PN-HD 21-3	H05V2-K
LgYc 1x2,50 300/500	300/500 V	1x2,5 mm ²	3,19 mm	0,01 MΩ/km	PN-HD 21-3	H05V2-K
LgYc 1x0,50 450/750	450/750 V	1x0,5 mm ²	2,46 mm	0,011 MΩ/km	PN-HD 21-3	H07V2-K
LgYc 1x0,75 450/750	450/750 V	1x1,75 mm ²	2,66 mm	0,011 MΩ/km	PN-HD 21-3	H05V2-K
LgYc 1x1,00 450/750	450/750 V	1x1,0 mm ²	2,84 mm	0,01 MΩ/km	PN-HD 21-3	H07V2-K
LgYc 1x1,50 450/750	450/750 V	1x1,5 mm ²	3,1 mm	0,01 MΩ/km	PN-HD 21-3	H07V2-K
LgYc 1x2,50 450/750	450/750 V	1x2,5 mm ²	3,59 mm	0,01 MΩ/km	PN-HD 21-3	H07V2-K

Available insulation colour: white, black, blue, brown, yellow-green.

Confection: • standard: 100 m (reel),

• individual*: 1000 m, 1500 m (reel, spool).



Description

Solid conductor cable. Conductor's structure: multi-stranded. Insulation made of polyvinyl chloride resistant to 90°C. Available in harmonized versions: H05V2-K, H07V2-K.

Application

Cable used for permanent wiring and for installations exposed to vibrations, where wiring conditions require numerous bending and the ambient temperature range does not exceed 90°C. Conformity with RoHS, REACH.

* Individually prepared production on customer's request.

Unshielded control cables 300/300 V

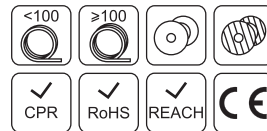
Available insulation colour: grey, black (sunproof)**.

Confection: standard: reel, spool, returnable reel, cable sections within 10 ÷ 1000 m*.

Description

Control cable with white conductors, numbered of multi-stranded structure.

Conductors' insulation and outer sheath made of polyvinyl chloride.



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
LiYYnr 2x0,50 300/300	300/300 V	2x0,5 mm ²	1,73 mm	4,9 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiYYnr 2x0,75 300/300	300/300 V	2x0,75 mm ²	1,93 mm	5,5 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 2x1,00 300/300	300/300 V	2x1,0 mm ²	2,11 mm	5,8 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 2x1,50 300/300	300/300 V	2x1,5 mm ²	2,57 mm	6,75 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 3x0,50 300/300	300/300 V	3x0,5 mm ²	1,73 mm	5,1 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiYYnr 3x0,75 300/300	300/300 V	3x0,75 mm ²	1,93 mm	5,8 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 3x1,00 300/300	300/300 V	3x1,0 mm ²	2,11 mm	6,1 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 3x1,50 300/300	300/300 V	3x1,5 mm ²	2,57 mm	7,13 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 4x0,50 300/300	300/300 V	4x0,5 mm ²	1,73 mm	5,8 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiYYnr 4x0,75 300/300	300/300 V	4x0,75 mm ²	1,93 mm	6,36 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 4x1,00 300/300	300/300 V	4x1,0 mm ²	2,11 mm	6,7 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 4x1,50 300/300	300/300 V	4x1,5 mm ²	2,57 mm	8 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 5x0,50 300/300	300/300 V	5x0,5 mm ²	1,73 mm	6,3 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiYYnr 5x0,75 300/300	300/300 V	5x0,75 mm ²	1,93 mm	7 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 5x1,00 300/300	300/300 V	5x1,0 mm ²	2,11 mm	7,3 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 5x1,50 300/300	300/300 V	5x1,5 mm ²	2,57 mm	8,95 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 6x0,50 300/300	300/300 V	6x0,5 mm ²	1,73 mm	7 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiYYnr 6x0,75 300/300	300/300 V	6x0,75 mm ²	1,93 mm	7,6 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 6x1,00 300/300	300/300 V	6x1,0 mm ²	2,11 mm	7,9 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 6x1,50 300/300	300/300 V	6x1,5 mm ²	2,57 mm	9,72 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 7x0,50 300/300	300/300 V	7x0,5 mm ²	1,73 mm	7 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiYYnr 7x0,75 300/300	300/300 V	7x0,75 mm ²	1,93 mm	7,6 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 7x1,00 300/300	300/300 V	7x1,0 mm ²	2,11 mm	8,1 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 7x1,50 300/300	300/300 V	7x1,5 mm ²	2,57 mm	9,72 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 10x0,75 300/300	300/300 V	10x0,75 mm ²	1,93 mm	9,3 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 10x1,00 300/300	300/300 V	10x1,0 mm ²	2,11 mm	10,2 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 10x1,50 300/300	300/300 V	10x1,5 mm ²	2,57 mm	12,16 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 12x0,75 300/300	300/300 V	12x0,75 mm ²	1,93 mm	10,2 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 12x1,00 300/300	300/300 V	12x1,0 mm ²	2,11 mm	11 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 12x1,50 300/300	300/300 V	12x1,5 mm ²	2,57 mm	13,09 mm	0,009 MΩ/km	HD 21.1 S4-2004



Application

Cables used for control and protective engineering devices and power supply systems.

Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
LiYYnr 14x0,75 300/300	300/300 V	14x0,75 mm ²	1,93 mm	11,9 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 14x1,00 300/300	300/300 V	14x1,0 mm ²	2,11 mm	12,7 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 14x1,50 300/300	300/300 V	14x1,5 mm ²	2,57 mm	14,74 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 16x0,75 300/300	300/300 V	16x0,75 mm ²	1,93 mm	11,7 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 16x1,00 300/300	300/300 V	16x1,0 mm ²	2,11 mm	12,7 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 16x1,50 300/300	300/300 V	16x1,5 mm ²	2,57 mm	15,14 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 18x0,75 300/300	300/300 V	18x0,75 mm ²	1,93 mm	12,3 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 18x1,00 300/300	300/300 V	18x1,0 mm ²	2,11 mm	13,3 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 18x1,50 300/300	300/300 V	18x1,5 mm ²	2,57 mm	15,89 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 20x0,75 300/300	300/300 V	20x0,75 mm ²	1,93 mm	13 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 20x1,00 300/300	300/300 V	20x1,0 mm ²	2,11 mm	14,1 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 20x1,50 300/300	300/300 V	20x1,5 mm ²	2,57 mm	16,79 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 25x0,75 300/300	300/300 V	25x0,75 mm ²	1,93 mm	14,4 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 25x1,00 300/300	300/300 V	25x1,0 mm ²	2,11 mm	15,7 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 25x1,50 300/300	300/300 V	25x1,5 mm ²	2,57 mm	18,62 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiYYnr 27x0,75 300/300	300/300 V	27x0,75 mm ²	1,93 mm	14,9 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 30x0,75 300/300	300/300 V	30x0,75 mm ²	1,93 mm	15,7 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiYYnr 34x0,75 300/300	300/300 V	34x0,75 mm ²	1,93 mm	16,5 mm	0,01 MΩ/km	HD 21.1 S4-2004

Individual types: oil-resistant, UV resistant and twisted wire structure available on Customer's request preceded by an individual offer.

Conformity with RoHS, REACH. CPR class: Eca.

* Sections with lengths <100 m will be charged with additional fee for cutting service according to the current price list.

** Individual order with specified production minimum.

Due to the large span of structural series, part of cables is done on individual order. For further information please contact Zamel Sales Department.

Unshielded control cables 300/500 V



Available insulation colour: grey, black (sunproof)**.

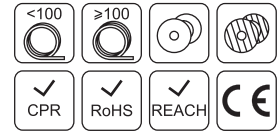
Confection: standard: reel, spool, returnable reel, cable sections within 10 ÷ 1000 m*.

Description

Control cable with white conductors, numbered of multi-stranded structure.

The cable includes yellow/green protective conductor. The cable includes ground wire yellow/green.

Conductors' insulation and outer sheath made of polyvinyl chloride.



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YStYzo 3x0,50 300/500	300/500 V	3x0,5 mm ²	2,12 mm	6,22 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 3x0,75 300/500	300/500 V	3x0,75 mm ²	2,34 mm	6,66 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 3x1,00 300/500	300/500 V	3x1,0 mm ²	2,51 mm	7,04 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 3x1,50 300/500	300/500 V	3x1,5 mm ²	2,97 mm	8,04 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 3x2,50 300/500	300/500 V	3x2,5 mm ²	3,65 mm	9,87 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 4x0,50 300/500	300/500 V	4x0,5 mm ²	2,12 mm	6,77 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 4x0,75 300/500	300/500 V	4x0,75 mm ²	2,34 mm	7,27 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 4x1,00 300/500	300/500 V	4x1,0 mm ²	2,51 mm	7,67 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 4x1,50 300/500	300/500 V	4x1,5 mm ²	2,97 mm	8,88 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 4x2,50 300/500	300/500 V	4x2,5 mm ²	3,65 mm	10,85 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 5x0,50 300/500	300/500 V	5x0,5 mm ²	2,12 mm	7,39 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 5x0,75 300/500	300/500 V	5x0,75 mm ²	2,34 mm	7,94 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 5x1,00 300/500	300/500 V	5x1,0 mm ²	2,51 mm	8,55 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 5x1,50 300/500	300/500 V	5x1,5 mm ²	2,97 mm	9,87 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 5x2,50 300/500	300/500 V	5x2,5 mm ²	3,65 mm	11,91 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 6x0,50 300/500	300/500 V	6x0,5 mm ²	2,12 mm	8,02 mm	0,013 MΩ/km	HD 21.1 S4-2004
YStYzo 6x0,75 300/500	300/500 V	6x0,75 mm ²	2,34 mm	8,84 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 6x1,00 300/500	300/500 V	6x1,0 mm ²	2,51 mm	9,36 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 6x1,50 300/500	300/500 V	6x1,5 mm ²	2,97 mm	10,76 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 6x2,50 300/500	300/500 V	6x2,5 mm ²	3,65 mm	13,01 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 7x0,50 300/500	300/500 V	7x0,5 mm ²	2,12 mm	8,02 mm	0,013 MΩ/km	HD 21.1 S4-2004
YStYzo 7x0,75 300/500	300/500 V	7x0,75 mm ²	2,34 mm	8,84 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 7x1,00 300/500	300/500 V	7x1,0 mm ²	2,51 mm	9,36 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 7x1,50 300/500	300/500 V	7x1,5 mm ²	2,97 mm	10,76 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 7x2,50 300/500	300/500 V	7x2,5 mm ²	3,65 mm	13,01 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 10x0,75 300/500	300/500 V	10x0,75 mm ²	2,34 mm	10,6 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 10x1,00 300/500	300/500 V	10x1,0 mm ²	2,51 mm	11,34 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 10x1,50 300/500	300/500 V	10x1,5 mm ²	2,97 mm	13,31 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 10x2,50 300/500	300/500 V	10x2,5 mm ²	3,65 mm	16,3 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 12x0,75 300/500	300/500 V	12x0,75 mm ²	2,34 mm	11,53 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 12x1,00 300/500	300/500 V	12x1,0 mm ²	2,51 mm	12,25 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 12x1,50 300/500	300/500 V	12x1,5 mm ²	3,65 mm	14,38 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 12x2,50 300/500	300/500 V	12x2,5 mm ²	3,65 mm	17,62 mm	0,008 MΩ/km	HD 21.1 S4-2004

Application

Cables used for control and protective engineering devices and power supply systems.

Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YStYzo 14x0,75 300/500	300/500 V	14x0,75 mm ²	2,34 mm	12,30 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 14x1,00 300/500	300/500 V	14x1,0 mm ²	2,51 mm	13,28 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 14x1,50 300/500	300/500 V	14x1,5 mm ²	2,97 mm	15,37 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 14x2,50 300/500	300/500 V	14x2,5 mm ²	3,65 mm	18,84 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 16x0,75 300/500	300/500 V	16x0,75 mm ²	2,34 mm	13,02 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 16x1,00 300/500	300/500 V	16x1,0 mm ²	2,51 mm	14,05 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 16x1,50 300/500	300/500 V	16x1,5 mm ²	2,97 mm	16,29 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 16x2,50 300/500	300/500 V	16x2,5 mm ²	3,65 mm	19,97 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 18x0,75 300/500	300/500 V	18x0,75 mm ²	2,34 mm	13,90 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 18x1,00 300/500	300/500 V	18x1,0 mm ²	2,51 mm	14,78 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 18x1,50 300/500	300/500 V	18x1,5 mm ²	2,97 mm	17,15 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 18x2,50 300/500	300/500 V	18x2,5 mm ²	3,65 mm	21,03 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 20x0,75 300/500	300/500 V	20x0,75 mm ²	2,34 mm	14,54 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 20x1,00 300/500	300/500 V	20x1,0 mm ²	2,51 mm	15,47 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 20x1,50 300/500	300/500 V	20x1,5 mm ²	2,97 mm	17,97 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 20x2,50 300/500	300/500 V	20x2,5 mm ²	3,65 mm	22,03 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 25x0,75 300/500	300/500 V	25x0,75 mm ²	2,34 mm	16,01 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 25x1,00 300/500	300/500 V	25x1,0 mm ²	2,51 mm	17,05 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYzo 25x1,50 300/500	300/500 V	25x1,5 mm ²	2,97 mm	19,84 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYzo 25x2,50 300/500	300/500 V	25x2,5 mm ²	3,65 mm	24,34 mm	0,008 MΩ/km	HD 21.1 S4-2004
YStYzo 27x0,75 300/500	300/500 V	27x0,75 mm ²	2,34 mm	16,55 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 30x0,75 300/500	300/500 V	30x0,75 mm ²	2,34 mm	17,34 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYzo 34x0,75 300/500	300/500 V	34x0,75 mm ²	2,34 mm	18,32 mm	0,011 MΩ/km	HD 21.1 S4-2004

Individual types: oil-resistant, UV resistant and twisted wire structure available on Customer's request preceded by an individual offer. Conformity with RoHS, REACH. CPR class: Eca.

* Sections with lengths <100 m will be charged with additional fee for cutting service according to the current price list.

** Individual order with specified production minimum.

Due to the large span of structural series, part of cables is done on individual order. For further information please contact Zamel Sales Department.

Shielded control cables 300/300 V



Available insulation colour: grey, black (sunproof)**.

Confection: standard: reel, spool, returnable reel, cable sections within 10 ÷ 1000 m*.

Description

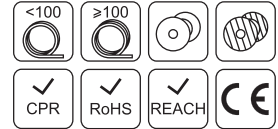
Control cable with white conductors, numbered of multi-stranded structure.

It is equipped with tin-plated, copper braid shield of 80 % coverage.

The cable without protective conductor. Conductors'insulation and outer sheath made of polyvinyl chloride***.

Application

Cables used for control and protective engineering devices and power supply systems.



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
LiCYnr 2x0,50 300/300	300/300 V	2x0,5 mm ²	1,73 mm	5,7 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiCYnr 2x0,75 300/300	300/300 V	2x0,75 mm ²	1,93 mm	6,1 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiCYnr 2x1,00 300/300	300/300 V	2x1,0 mm ²	2,11 mm	6,43 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 2x1,50 300/300	300/300 V	2x1,5 mm ²	2,57 mm	7,35 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 3x0,50 300/300	300/300 V	3x0,5 mm ²	1,73 mm	5,9 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiCYnr 3x0,75 300/300	300/300 V	3x0,75 mm ²	1,93 mm	6,4 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiCYnr 3x1,00 300/300	300/300 V	3x1,0 mm ²	2,11 mm	6,75 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 3x1,50 300/300	300/300 V	3x1,5 mm ²	2,57 mm	8,13 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 4x0,50 300/300	300/300 V	4x0,5 mm ²	1,73 mm	6,4 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiCYnr 4x0,75 300/300	300/300 V	4x0,75 mm ²	1,93 mm	6,9 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiCYnr 4x1,00 300/300	300/300 V	4x1,0 mm ²	2,11 mm	7,3 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 4x1,50 300/300	300/300 V	4x1,5 mm ²	2,57 mm	8,8 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 5x0,50 300/300	300/300 V	5x0,5 mm ²	1,73 mm	6,9 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiCYnr 5x0,75 300/300	300/300 V	5x0,75 mm ²	1,93 mm	7,4 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiCYnr 5x1,00 300/300	300/300 V	5x1,0 mm ²	2,11 mm	8,31 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 5x1,50 300/300	300/300 V	5x1,5 mm ²	2,57 mm	9,55 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 6x0,50 300/300	300/300 V	6x0,5 mm ²	1,73 mm	7,4 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiCYnr 6x0,75 300/300	300/300 V	6x0,75 mm ²	1,93 mm	8,4 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiCYnr 6x1,00 300/300	300/300 V	6x1,0 mm ²	2,11 mm	8,94 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiCYnr 6x1,50 300/300	300/300 V	6x1,5 mm ²	2,57 mm	10,32 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 7x0,50 300/300	300/300 V	7x0,5 mm ²	1,73 mm	7,4 mm	0,012 MΩ/km	HD 21.1 S4-2004
LiCYnr 7x0,75 300/300	300/300 V	7x0,75 mm ²	1,93 mm	8,4 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiCYnr 7x1,00 300/300	300/300 V	7x1,0 mm ²	2,11 mm	8,94 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 7x1,50 300/300	300/300 V	7x1,5 mm ²	2,57 mm	10,32 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 10x0,75 300/300	300/300 V	10x0,75 mm ²	1,93 mm	9,9 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiCYnr 10x1,00 300/300	300/300 V	10x1,0 mm ²	2,11 mm	10,62 mm	0,009 MΩ/km	HD 21.1 S4-2004
LiCYnr 12x0,75 300/300	300/300 V	12x0,75 mm ²	1,93 mm	10,6 mm	0,01 MΩ/km	HD 21.1 S4-2004
LiCYnr 14x0,75 300/300	300/300 V	14x0,75 mm ²	1,93 mm	11,3 mm	0,01 MΩ/km	HD 21.1 S4-2004

Individual types: oil-resistant, UV resistant and twisted wire structure available on Customer's request preceded by an individual offer. Conformity with RoHS REACH. CPR class: Eca.

Shielded control cables 300/500 V



Available insulation colour: grey, black (sunproof)**.

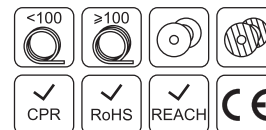
Confection: standard: reel, spool, returnable reel, cable sections within 10 ÷ 1000 m*.

Description

Control cable with white conductors, numbered of multi-stranded structure. It is equipped with tin-plated, copper braid shield of 80 % coverage. The cable includes yellow/green protective conductor. Conductors' insulation and outer sheath made of polyvinyl chloride.

Application

Cables used for control and protective engineering devices, power supply systems and in installations exposed to external electromagnetic disturbances.



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YStYekwžo 3x0,50 300/500	300/500 V	3x0,5 mm ²	2,12 mm	6,82 mm	0,013 MΩ/km	HD 21.1 S4-2004
YStYekwžo 3x0,75 300/500	300/500 V	3x0,75 mm ²	2,34 mm	7,26 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYekwžo 3x1,00 300/500	300/500 V	3x1,0 mm ²	2,51 mm	7,64 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYekwžo 3x1,50 300/500	300/500 V	3x1,5 mm ²	2,97 mm	8,64 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYekwžo 4x0,50 300/500	300/500 V	4x0,5 mm ²	2,12 mm	7,37 mm	0,013 MΩ/km	HD 21.1 S4-2004
YStYekwžo 4x0,75 300/500	300/500 V	4x0,75 mm ²	2,34 mm	8,07 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYekwžo 4x1,00 300/500	300/500 V	4x1,0 mm ²	2,51 mm	8,49 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYekwžo 4x1,50 300/500	300/500 V	4x1,5 mm ²	2,97 mm	9,61 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYekwžo 5x0,50 300/500	300/500 V	5x0,5 mm ²	2,12 mm	8,19 mm	0,013 MΩ/km	HD 21.1 S4-2004
YStYekwžo 5x0,75 300/500	300/500 V	5x0,75 mm ²	2,34 mm	8,54 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYekwžo 5x1,00 300/500	300/500 V	5x1,0 mm ²	2,51 mm	9,21 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYekwžo 5x1,50 300/500	300/500 V	5x1,5 mm ²	2,97 mm	10,47 mm	0,009 MΩ/km	HD 21.1 S4-2004
YStYekwžo 6x0,50 300/500	300/500 V	6x0,5 mm ²	2,12 mm	8,82 mm	0,013 MΩ/km	HD 21.1 S4-2004
YStYekwžo 6x0,75 300/500	300/500 V	6x0,75 mm ²	2,34 mm	9,44 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYekwžo 6x1,00 300/500	300/500 V	6x1,0 mm ²	2,51 mm	9,96 mm	0,01 MΩ/km	HD 21.1 S4-2004
YStYekwžo 7x0,50 300/500	300/500 V	7x0,5 mm ²	2,12 mm	8,82 mm	0,013 MΩ/km	HD 21.1 S4-2004
YStYekwžo 7x0,75 300/500	300/500 V	7x0,75 mm ²	2,34 mm	9,44 mm	0,011 MΩ/km	HD 21.1 S4-2004
YStYekwžo 7x1,00 300/500	300/500 V	7x1,0 mm ²	2,51 mm	9,96 mm	0,01 MΩ/km	HD 21.1 S4-2004

Individual types: oil-resistant, UV resistant and twisted wire structure available on Customer's request preceded by an individual offer. Conformity with RoHS, REACH. CPR class: Eca.

* Sections with lengths <100 m will be charged with additional fee for cutting service according to the current price list.

** Individual order with specified production minimum.

Signalling cables 0,6 / 1 kV



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
YKSYżo 7x1,00	0,6/1 kV	7x1,0 mm ²	2,66 mm	11,6 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 7x1,50	0,6/1 kV	7x1,5 mm ²	2,91 mm	12,21 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 7x2,50	0,6/1 kV	7x2,5 mm ²	3,29 mm	13,47 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 10x1,00	0,6/1 kV	10x1,0 mm ²	2,66 mm	14,26 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 10x1,50	0,6/1 kV	10x1,5 mm ²	2,91 mm	15,24 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 10x2,50	0,6/1 kV	10x2,5 mm ²	3,29 mm	16,76 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 14x1,00	0,6/1 kV	14x1,0 mm ²	2,66 mm	15,6 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 14x1,50	0,6/1 kV	14x1,5 mm ²	2,91 mm	16,43 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 14x2,50	0,6/1 kV	14x2,5 mm ²	3,29 mm	18,11 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 19x1,00	0,6/1 kV	19x1,0 mm ²	2,66 mm	17,2 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 19x1,50	0,6/1 kV	19x1,5 mm ²	2,91 mm	18,15 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 19x2,50	0,6/1 kV	19x2,5 mm ²	3,29 mm	20,05 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 24x1,00	0,6/1 kV	24x1,0 mm ²	2,66 mm	19,9 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 24x1,50	0,6/1 kV	24x1,5 mm ²	2,91 mm	21,06 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 24x2,50	0,6/1 kV	24x2,5 mm ²	3,29 mm	23,34 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 30x1,00	0,6/1 kV	30x1,0 mm ²	2,66 mm	20,68 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 30x1,50	0,6/1 kV	30x1,5 mm ²	2,91 mm	22,25 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 30x2,50	0,6/1 kV	30x2,5 mm ²	3,29 mm	24,69 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 37x1,00	0,6/1 kV	37x1,0 mm ²	2,66 mm	22,26 mm	36,7 MΩ/km	HD 603 S1
YKSYżo 37x1,50	0,6/1 kV	37x1,5 mm ²	2,91 mm	23,97 mm	36,7 MΩ/km	HD 603 S1

Available insulation colour: black.

Confection: standard: reel, spool, returnable reel, cable sections within 10 ÷ 1000 m*

Description

Control cable with white conductors, numbered of multi-stranded structure.

The cable includes protective (yellow/green) conductor.

Conductors' insulation and outer sheath made of polyvinyl chloride.

Application

Cables used for control and protective engineering devices and power supply systems. Conformity with RoHS, REACH.



Solid conductor cables

Symbol	Supply voltage	Conductor's structure	Outer wire diameter	Insulation resistance	Reference standard	Counterpart
DY 0,50 300/500	300/500 V	1x0,5 mm ²	1,91 mm	0,013 MΩ/km	HD 21-3	H05V-U
DY 0,75 300/500	300/500 V	1x0,75 mm ²	2,09 mm	0,013 MΩ/km	HD 21-3	H05V-U
DY 1,00 300/500	300/500 V	1x1,0 mm ²	2,23 mm	0,013 MΩ/km	HD 21-3	H05V-U
DY 1,50 300/500	300/500 V	1x1,5 mm ²	2,47 mm	0,013 MΩ/km	HD 21-3	H05V-U
DY 2,50 300/500	300/500 V	1x2,5 mm ²	2,89 mm	0,013 MΩ/km	HD 21-3	H05V-U

Available insulation colour: white, black, blue, brown, yellow-green**.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool).



Description

Solid conductor cable. Conductor's structure: solid. Insulation made of polyvinyl chloride. Available in harmonized versions: H05V-U.

Application

Cable used for permanent wiring of receiving, control and supplying devices. Conformity with RoHS, REACH.

Solid heat resistant cables

Symbol	Supply voltage	Conductor's structure	Outer wire diameter	Insulation resistance	Reference standard	Counterpart
DYc 0,50 300/500	300/500 V	1x0,5 mm ²	1,91 mm	0,013 MΩ/km	HD 21-3	H05V2-U
DYc 0,75 300/500	300/500 V	1x0,75 mm ²	2,09 mm	0,013 MΩ/km	HD 21-3	H05V2-U
DYc 1,00 300/500	300/500 V	1x1,0 mm ²	2,23 mm	0,013 MΩ/km	HD 21-3	H05V2-U
DYc 1,50 300/500	300/500 V	1x1,5 mm ²	2,51 mm	0,013 MΩ/km	HD 21-3	H05V2-U

Available insulation colour: white, black, blue, brown, yellow-green.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 500 m, 1000 m (reel, spool).



Description

Solid conductor cable. Conductor's structure: solid. Insulation made of polyvinyl chloride resistant to 90°C. Available in harmonized versions: H05V2-U.


Application

Cable used for permanent wiring of receiving, control and supplying devices. It is used in places exposed to higher ambient temperature range not exceeding 90°C. Conformity with RoHS, REACH.

* Sections with lengths <100 m will be charged with additional fee for cutting service according to the current price list.

** Possible different insulation colour on customer's request based on a preceded order with specified production minimum.

Indoor flat wire cross section cables



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
H03VVH2-F 2x0,50	300/300 V	2x0,5 mm ²	1,86 mm	3,13 x 5,00 mm	0,012 MΩ/km	DIN VDE 0281
H03VVH2-F 2x0,75	300/300 V	2x0,75 mm ²	2,06 mm	3,33 x 5,39 mm	0,01 MΩ/km	DIN VDE 0281
OMYp 2x1,00	300/300 V	2x1,0 mm ²	2,24 mm	3,49 x 5,72 mm	0,009 MΩ/km	HD 21-5
OMYp 2x1,50	300/300 V	2x1,5 mm ²	2,70 mm	4,33 x 7,05 mm	0,009 MΩ/km	HD 21-5

Available insulation colour: white, brown**, black, silver**, gold**.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 300 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.

**Description**

Indoor cable with copper multi-stranded conductors. Conductors' insulation and outer sheath made of polyvinyl chloride. Flat cross-section. Conductors' colour: brown, blue.

Application

Designed for connection of movable electrical devices and portable general application receivers. Conformity with RoHS, REACH. CPR class: Eca.



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
OMYp 2x0,50c (transparent)	300/300 V	2x0,5 mm ²	1,86 mm	3,13 x 5,00 mm	0,012 MΩ/km	HD 21-5
OMYp 2x0,75c (transparent)	300/300 V	2x0,75 mm ²	2,06 mm	3,33 x 5,39 mm	0,01 MΩ/km	HD 21-5

Available insulation colour: transparent.

Confection: • standard: 100 m (reel),

• individual*: 200 m, 300 m, 500 m, 1000 m (reel, spool),

• KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.

**Description**

Indoor cable with tin-plated copper multi-stranded conductors. Conductors' insulation and outer sheath made of transparent polyvinyl chloride. Flat cross-section. Conductors' colour: transparent.

Application

Designed for connection of movable electrical devices and portable general application receivers. Conformity with RoHS, REACH.

* Individually prepared production on customer's request.

** Individual order with specified production minimum.

Indoor round wire cross section cables



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
H03VV-F 2x0,50	300/300 V	2x0,5 mm ²	1,86 mm	4,87 mm	0,012 MΩ/km	DIN VDE 0281
H03VV-F 3G0,50	300/300 V	3x0,5 mm ²	1,86 mm	5,15 mm	0,012 MΩ/km	DIN VDE 0281
H03VV-F 4G0,50	300/300 V	4x0,5 mm ²	1,86 mm	5,64 mm	0,01 MΩ/km	DIN VDE 0281
H03VV-F 2x0,75	300/300 V	2x0,75 mm ²	2,06 mm	5,29 mm	0,01 MΩ/km	DIN VDE 0281
H03VV-F 3G0,75	300/300 V	3x0,75 mm ²	2,06 mm	5,56 mm	0,01 MΩ/km	DIN VDE 0281
H03VV-F 4G0,75	300/300 V	4x0,75 mm ²	2,06 mm	6,13 mm	0,01 MΩ/km	DIN VDE 0281

Available insulation colour: white, brown**, black, silver**, gold**.

Confection: • standard: 100 m (reel),

- individual*: 200 m, 300 m, 500 m, 1000 m (reel, spool),
- KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Indoor cable with copper multi-stranded conductors. Conductors' insulation and outer sheath made of polyvinyl chloride. Round cross-section. Conductors' colour: brown + blue, brown + blue + yellow/green, brown + grey + black + yellow/green.

Application

Designed for connection of movable electrical devices and portable general application receivers. Conformity with RoHS, REACH.

CPR class: Eca.



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
OMY 2x1,00	300/300 V	2x1,0 mm ²	2,24 mm	5,67 mm	0,009 MΩ/km	HD 21-5
OMY 2x1,50	300/300 V	2x1,5 mm ²	2,70 mm	7,00 mm	0,01 MΩ/km	HD 21-5
OMY _{2o} 3x1,00	300/300 V	3x1,0 mm ²	2,24 mm	6,09 mm	0,01 MΩ/km	HD 21-5
OMY _{2o} 3x1,50	300/300 V	3x1,5 mm ²	2,70 mm	7,2 mm	0,01 MΩ/km	HD 21-5

Available insulation colour: white, brown**, black, silver**, gold**.

Confection: • standard: 100 m (reel),

- individual*: 200 m, 300 m, 500 m, 1000 m (reel, spool),
- KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Indoor cable with copper multi-stranded conductors. Conductors' insulation and outer sheath made of polyvinyl chloride.

Round cross-section. Conductors' colour: : brown + blue, brown + blue + yellow/green.

Application

Designed for connection of movable electrical devices and portable general application receivers. Conformity with RoHS, REACH.

CPR class: Eca.



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
MTY 2x0,50c	300/300 V	2x0,5 mm ²	1,86 mm	4,87 mm	0,012 MΩ/km	DIN VDE 0281
MTY 2x0,75c	300/300 V	2x0,75 mm ²	2,06 mm	5,29 mm	0,01 MΩ/km	DIN VDE 0281

Available insulation colour: transparent.

Confection: • standard: 100 m (reel),

- individual*: 200 m, 300 m, 500 m, 1000 m (reel, spool),
- KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Indoor cable with tin-plated copper multi-stranded conductors. Conductors' insulation and outer sheath made of polyvinyl chloride. Round cross-section. Conductors' colour: transparent.

Application

Designed for connection of movable electrical devices and portable general application receivers. Conformity with RoHS, REACH.

Workshop round wire cross section cables



Symbol	Supply voltage	Conductor's structure	Insulated conductor diameter	Outer wire diameter	Insulation resistance	Reference standard
H05VV-F 2x0,75	300/500 V	2x0,75 mm ²	2,26 mm	6,07 mm	0,011 MΩ/km	HD 21.5 S3:2004
H05VV-F 3G0,75	300/500 V	3x0,75 mm ²	2,26 mm	6,41 mm	0,011 MΩ/km	HD 21.5 S3:2004
H05VV-F 4G0,75	300/500 V	4x0,75 mm ²	2,26 mm	6,99 mm	0,011 MΩ/km	HD 21.5 S3:2004
H05VV-F 5G0,75	300/500 V	5x0,75 mm ²	2,26 mm	7,85 mm	0,011 MΩ/km	HD 21.5 S3:2004
H05VV-F 2x1,00	300/500 V	2x1,0 mm ²	2,44 mm	6,41 mm	0,01 MΩ/km	HD 21.5 S3:2004
H05VV-F 3G1,00	300/500 V	3x1,0 mm ²	2,44 mm	6,78 mm	0,01 MΩ/km	HD 21.5 S3:2004
H05VV-F 4G1,00	300/500 V	4x1,0 mm ²	2,44 mm	7,61 mm	0,01 MΩ/km	HD 21.5 S3:2004
H05VV-F 5G1,00	300/500 V	5x1,0 mm ²	2,44 mm	8,32 mm	0,01 MΩ/km	HD 21.5 S3:2004
H05VV-F 2x1,50	300/500 V	2x1,5 mm ²	2,96 mm	7,46 mm	0,01 MΩ/km	HD 21.5 S3:2004
H05VV-F 3G1,50	300/500 V	3x1,5 mm ²	2,96 mm	8,11 mm	0,01 MΩ/km	HD 21.5 S3:2004
H05VV-F 4G1,50	300/500 V	4x1,5 mm ²	2,96 mm	9,08 mm	0,01 MΩ/km	HD 21.5 S3:2004
H05VV-F 5G1,50	300/500 V	5x1,5 mm ²	2,96 mm	10,11 mm	0,01 MΩ/km	HD 21.5 S3:2004
H05VV-F 2x2,50	300/500 V	2x2,5 mm ²	3,58 mm	9,15 mm	0,009 MΩ/km	HD 21.5 S3:2004
H05VV-F 3G2,50	300/500 V	3x2,5 mm ²	3,58 mm	9,82 mm	0,009 MΩ/km	HD 21.5 S3:2004
H05VV-F 4G2,50	300/500 V	4x2,5 mm ²	3,58 mm	10,74 mm	0,009 MΩ/km	HD 21.5 S3:2004
H05VV-F 5G2,50	300/500 V	5x2,5 mm ²	3,58 mm	11,99 mm	0,009 MΩ/km	HD 21.5 S3:2004

Available insulation colour: white, black.

Confection: • standard: 100 m (reel),

- individual*: 200 m, 300 m, 500 m, 1000 m (reel, spool),
- KRO: 50 m, 75 m sections with a tolerance of + 5 m at special prices.



Description

Workshop cable with copper multi-stranded conductors. Conductors' insulation and outer sheath made of polyvinyl chloride. Round cross-section. Conductors' colour: : brown + blue, brown + blue + yellow/green, brown + grey + black + yellow/green, brown + blue + black + grey + yellow/green.

Application

Designed for connection of movable electrical devices and portable workshop application receivers. Conformity with RoHS, REACH. CPR class: Eca.

* Individually prepared production on customer's request.

** Individual order with specified production minimum.

Connection cables with foot connector and dimming function



Symbol	Supply voltage	Conductor's structure	Length	Outer wire diameter	Insulation resistance	Reference standard
SP/SN2,0 (2x0,75)	250 V	2x0,75 mm ²	2,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/SN2,5 (2x0,75)	250 V	2x0,75 mm ²	2,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/SN3,0 (2x0,75)	250 V	2x0,75 mm ²	3,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/SN3,5 (2x0,75)	250 V	2x0,75 mm ²	3,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/SN4,0 (2x0,75)	250 V	2x0,75 mm ²	4,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/SN4,5 (2x0,75)	250 V	2x0,75 mm ²	4,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/SN5,0 (2x0,75)	250 V	2x0,75 mm ²	5,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006

Available insulation colour: white, brown, black, silver, gold, transparent.

Confection: • standard: 1 pc. (blister).



Description

Connection cable terminated with 230 V plug at one end and with uninsulated tinned conductors at the other end. The cable is equipped with a foot connector with dimming and presence simulation functions. Cable structure: two-wire, copper, multi-stranded. Cable cross-section: flat. Fixed distance of 150 cm between the plug and the connector. It cooperates with incandescent light sources and dimmable fluorescent tube.

Application

Designed for the connection of portable electric receivers to 230 V AC by means of a foot connector with dimming function. Presence simulation function switches on and switches off a receiver in randomly specified time intervals. Conformity with RoHS, REACH.

Connection cables with foot connector



Symbol	Supply voltage	Conductor's structure	Length	Outer wire diameter	Insulation resistance	Reference standard
SP/WN2,0 (2x0,75)	250 V	2x0,75 mm ²	2,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/WN2,5 (2x0,75)	250 V	2x0,75 mm ²	2,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/WN3,0 (2x0,75)	250 V	2x0,75 mm ²	3,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/WN3,5 (2x0,75)	250 V	2x0,75 mm ²	3,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/WN4,0 (2x0,75)	250 V	2x0,75 mm ²	4,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/WN4,5 (2x0,75)	250 V	2x0,75 mm ²	4,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/WN5,0 (2x0,75)	250 V	2x0,75 mm ²	5,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006

Available insulation colour: white, brown, black, silver, gold, transparent.

Confection: • standard: bulk or unit packaging.



Description

Connection cable terminated with 230 V plug at one end and with uninsulated tinned conductors at the other end. The cable is equipped with a foot connector, unipolar. Cable structure: two-wire, copper, multi-stranded. Cable cross-section: flat. Fixed distance of 150 cm between the plug and the connector.

Application

Designed for the connection of portable electric receivers to 230 V AC by means of a foot connector. Conformity with RoHS, REACH.

Connection cables without connector



Symbol	Supply voltage	Conductor's structure	Length	Outer wire diameter	Insulation resistance	Reference standard
SP1,00 (2x0,50)	250 V	2x0,5 mm ²	1,0 m	3,13 x 5,0 mm	0,012 MΩ/km	IEC60884-1:2006
SP1,00 (2x0,75)	250 V	2x0,75 mm ²	1,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP1,50 (2x0,50)	250 V	2x0,5 mm ²	1,5 m	3,13 x 5,0 mm	0,012 MΩ/km	IEC60884-1:2006
SP1,50 (2x0,75)	250 V	2x0,75 mm ²	1,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP1,60 (2x0,50)	250 V	2x0,5 mm ²	1,6 m	3,13 x 5,0 mm	0,012 MΩ/km	IEC60884-1:2006
SP1,60 (2x0,75)	250 V	2x0,75 mm ²	1,6 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP1,90 (2x0,50)	250 V	2x0,5 mm ²	1,9 m	3,13 x 5,0 mm	0,012 MΩ/km	IEC60884-1:2006
SP1,90 (2x0,75)	250 V	2x0,75 mm ²	1,9 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP2,00 (2x0,50)	250 V	2x0,5 mm ²	2,0 m	3,13 x 5,0 mm	0,012 MΩ/km	IEC60884-1:2006
SP2,00 (2x0,75)	250 V	2x0,75 mm ²	2,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP2,30 (2x0,75)	250 V	2x0,75 mm ²	2,3 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP2,50 (2x0,75)	250 V	2x0,75 mm ²	2,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP3,00 (2x0,75)	250 V	2x0,75 mm ²	3,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP3,50 (2x0,75)	250 V	2x0,75 mm ²	3,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP4,00 (2x0,75)	250 V	2x0,75 mm ²	4,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP4,50 (2x0,75)	250 V	2x0,75 mm ²	4,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP5,00 (2x0,75)	250 V	2x0,75 mm ²	5,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006

Available insulation colour: white, brown, black, silver, gold, transparent.

**Description**

Connection cable terminated with 230 V plug at one end. Cable structure: two-wire, copper, multi-stranded. Cable cross-section: flat. Uninsulated tinned conductors at the other end.

Application

Designed for the connection of portable electric receivers to 230 V AC. Conformity with RoHS, REACH.

Connection cables with hand switch



Symbol	Supply voltage	Conductor's structure	Length	Outer wire diameter	Insulation resistance	Reference standard
SP/W1,00 (2x0,50)	250 V	2x0,5 mm ²	1,0 m	3,13 x 5,0 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W1,50 (2x0,50)	250 V	2x0,5 mm ²	1,5 m	3,13 x 5,0 mm	0,012 MΩ/km	IEC60884-1:2006
SP/W1,50 (2x0,75)	250 V	2x0,75 mm ²	1,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W1,60 (2x0,50)	250 V	2x0,5 mm ²	1,6 m	3,13 x 5,0 mm	0,012 MΩ/km	IEC60884-1:2006
SP/W1,60 (2x0,75)	250 V	2x0,75 mm ²	1,6 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W1,90 (2x0,50)	250 V	2x0,5 mm ²	1,9 m	3,13 x 5,0 mm	0,012 MΩ/km	IEC60884-1:2006
SP/W1,90 (2x0,75)	250 V	2x0,75 mm ²	1,9 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W2,00 (2x0,50)	250 V	2x0,5 mm ²	2,0 m	3,13 x 5,0 mm	0,012 MΩ/km	IEC60884-1:2006
SP/W2,00 (2x0,75)	250 V	2x0,75 mm ²	2,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W2,50 (2x0,75)	250 V	2x0,75 mm ²	2,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W3,00 (2x0,75)	250 V	2x0,75 mm ²	3,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W3,20 (2x0,75)	250 V	2x0,75 mm ²	3,2 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W3,50 (2x0,75)	250 V	2x0,75 mm ²	3,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W4,00 (2x0,75)	250 V	2x0,75 mm ²	4,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W4,40 (2x0,75)	250 V	2x0,75 mm ²	4,4 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W4,50 (2x0,75)	250 V	2x0,75 mm ²	4,5 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006
SP/W5,00 (2x0,75)	250 V	2x0,75 mm ²	5,0 m	3,2 x 5,2 mm	0,01 MΩ/km	IEC60884-1:2006

Available insulation colour: white, brown, black, silver, gold, transparent.



Description

Connection cable terminated with 230 V at one end and equipped with hand switch, dipolar. Cable structure: two-wire, copper, multi-stranded. Cable cross-section: flat. Uninsulated tinned conductors at the other end. Fixed distance of 100 cm between the connector and the plug for the lengths 2,5 m and above, and 50 cm from the end of the cable for the lengths up to 2,0 m*.

Application

Designed for the connection of portable electric receivers to 230 V AC with the use of hand switch. Conformity with RoHS, REACH.

* Different switch location is possible on individual request with specified production minimum in a special offer.