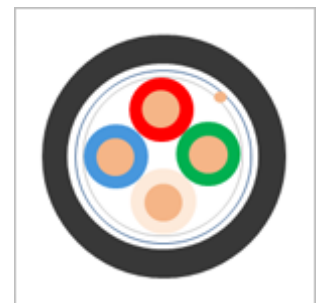
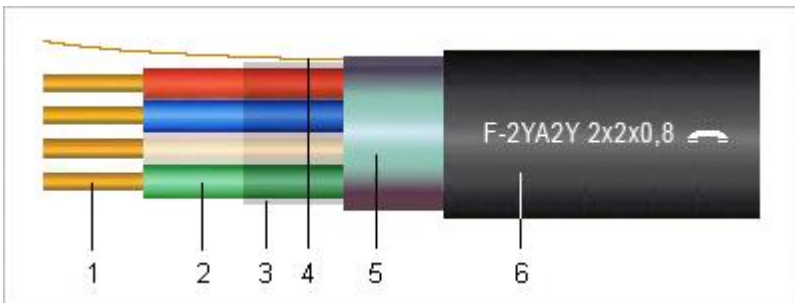


DATASHEET

F-2YA2Y ...x2x... Telecommunication cable for outdoor



Structure

- > 1 Solid bare copper conductor
- > 2 Halogen-free polyolefin (PE) core insulation
Cores twisted in quads, quads twisted in layers (*Twisting direction Z axis*)
- > 3 Polyester plastic (PET) foil wrapping over the cores
- > 4 Solid copper drain wire
- > 5 Polyester plastic coated aluminium (AL/PET) foil electrostatic screening
- > 6 Halogen-free polyolefin (PE) outer sheath, UV resistant, black colour RAL9004
with imprint:
"F-2YA2Y ...x2x... Telecommunication Cable, Lot number, Meter number"

Dimensions

Conductor structure nominal	Outer Ø nominal <i>mm</i>	Conductor resistance at 20 °C Ω/km	CU weight nominal <i>kg/km</i>	Weight approx. <i>kg/km</i>
2x2x0,6 mm	5,7	<69,5	13,0	29
6x2x0,6 mm	8,0	<69,5	36,0	58
10x2x0,6 mm	9,7	<69,5	59,0	92
20x2x0,6 mm	11,7	<69,5	118,0	150
2x2x0,8 mm	6,0	<39,0	21,0	39
6x2x0,8 mm	9,6	<39,0	62,0	82
10x2x0,8 mm	11,0	<39,0	103,0	145

Application


Telecommunication cable is preferably used in outdoor telecommunication systems, industrial networks, electronic equipments.

Suitable for use in direct underground applications.

DATASHEET

F-2YA2Y ...x2x ... Telecommunication cable for outdoor

Properties

- > Solid bare copper conductors, polyethylene (PE) core insulation, AL/PET foil screened, UV resistant PE outer sheathed cable.
- > Cable is in accordance with standards:
 - EN 50575:2014 reaction to fire;
 - EN 13501-6 fire classification.
- > The special characteristic of this telecommunication cable is the UV resistant polyethylene (PE) outer sheath allows installation this cable into the earth.
- > AL/PET foil electrostatic screening, sign of (St), protects the transmission circuits against external electrical interferences. The drain wire is in contact with the inner aluminum surface of the foil.
- > The telecommunication cable is REACH compliant as well as meeting the requirements of other legislation such as the RoHS Directive. The materials used in this cable are cadmium-free and contain no silicone and do not represent health hazards and minimize the environmental impact.
- > The product is conformed with the Low Voltage Directive (LVD) 2014/35/EU of the European Parliament and of the Council ensures that electrical equipment within certain voltage limits provides a high level of protection for European citizens.
- >  Product meets all the legal requirements for CE marking and can be sold throughout the European Economic Area (EEA).

Technical data

Peak working voltage:	300 V
Test voltage:	800 V eff. (core/core, core/screening, AC 50 Hz)
Temperature range:	Fixed installation -30 °C to +70 °C
Insulation resistance:	Min. 10,000 MΩ x km
Mutual capacitance:	At 800 Hz max. 100 nF / km
Minimum bending radius:	Fixed installation 10 x cable Ø

Packaging

In coil or drum.