

Instrumentation cable

RE-2X(St)YSWAY-fl [PiMF]



Application: For data communication with transmission rates up to 200 kBit/s in MSR- and EDP systems. Transmission characteristics are guaranteed by high-quality stranding and screening. For fixed installation in dry and damp areas, outdoors and direct burial in earth. The types with blue outer sheath are suitable for intrinsically safe installation -Ex i- in hazardous areas. Core identification: black-white(-orange) with sequential numbering

The PiMF variation has additional a pairs screening with plastic coated Al-foil and tinned drain wire.

Construction and technical data:

Standard:	EN 50288-7 (with ref. to)
Conductor material:	copper, bare
Conductor construction:	class 2, 7-wired construction
Insulation:	XLPE
Stranding unit:	Pair
Stranding:	Layers
Core wrapping:	plastic foil
Material inner sheath:	PVC
Screen:	plastic coated Al-foil + copper drain wire, tinned
Armour:	round steel wire, galvanized
Sheathing material:	PVC
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
UV-resistant:	yes
Oil-resistant:	yes
For outdoor use:	yes
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	-5 - +50 °C
Bending radius, fixed installation:	12 x Ø
Insulation resistance:	1000 MOhm x km



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

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Maximum operating capacity: 115 nF/km
Test voltage: 2 kV
Core identification: black/white with numbers
peak operating voltage, V: 300 V

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
101073	01X2X1.3 BK	14.2	11.5	34	242
101151	01X2X1,3 BL	14.2	11.5	34	242

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part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
101158	02X2X1.3 BK	14.2	17.2	68	384
101273	04X2X1.3 BK	14.2	17.9	124	530
101159	02X2X1.3 BU	14.2	17.2	68	384
101274	04X2X1.3 BU	14.2	17.9	124	530

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000