

Instrumentation cable

RE-2X(St)YSWBY FR PIMF



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

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, in outdoor 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:

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:	steel wire braid, 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:	10 x Ø
Insulation resistance:	5000 MOhm _x km
Specific inductivity:	1 mH/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.

Maximum operating capacity:

115 nF/km

Core identification:

black/white with numbers

peak operating voltage, V:

300 V

part no.	part name	Ø [mm]	Cu	G [kg]
101719	02X2X0.5 BK	13	35	335
101721	04X2X0.5 BK	14	62	425
101885	02X2X0.75 BK	14.6	47	355
101887	04X2X0.75 BK	15.7	82	368
102083	12X2X0.75 BK	21	237	920
101836	16X2X0.75 BK	23.1	315	705
101772	24X2X0.75 BK	25.7	365	1245
101592	02X2X1.3 BK	17.7	68	400
101355	04X2X1.3 BK	17.7	124	400
101594	12X2X1.3 BK	25.7	353	935
101837	16X2X1.3 BK	14.1	468	719
102147	36X2X1,3 BK	40.1	1041	2019
101720	02X2X0.5 BU	13	35	335
101722	04X2X0.5 BU	14	62	425
101886	02X2X0.75 BU	14.6	47	355
101888	04X2X0.75 BU	15.7	82	368
101838	16X2X0.75 BU	23.1	315	705
101773	24X2X0.75 BU	25.7	365	1245
101597	02X2X1.3 BU	17.7	68	400
101354	04X2X1.3 BU	17.7	124	400
101600	12X2X1.3 BU	25.7	353	935
101839	16X2X1.3 BU	14.1	468	719
102148	36X2X1,3 BU	40.1	1041	2019

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight per 1000