

Instrumentation cable RE-2X(St)YSWAY FR



Conductor material:	copper, bare
Conductor class:	class 2, 7-wired construction
Insulation:	XLPE
Stranding unit:	pair
Stranding:	layers
Core wrapping:	plastic foil
Material inner sheath:	PVC
Screen:	plastic coated aluminium foil + copper drain wire, tinned
Armour:	round or flat steel wires, galvanized
Sheathing material:	PVC
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
UV-resistant:	yes
Oil-resistant:	yes
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, in motion/ during installation, °C:	-5 - +50 °C
Bending radius, fixed installation:	10 x DA
Insulation resistance:	5000 MOhm _x km
Specific inductivity:	1 mH/km
Maximum operating capacity:	115 nF/km
peak operating voltage:	300 V
Core identification:	black/white with numbers

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 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.

Table: Technical characteristics RE-2X(St)YSWAY-fl

p/n	part name	D _A [mm]	G [kg/km]	Cu [kg/km]	p/n	part name	D _A [mm]	G [kg/km]	Cu [kg/km]
101185	01X2X0,5 SW	9,7	178	15	101526	02X2X0,75 SW	13,4	310	47
101102	02X2X0,5 SW	12,1	270	30	101045	12X2X0,75 SW	20,2	805	185
101104	04X2X0,5 SW	13,5	345	46	101521	16X2X0,75 SW	22,6	945	245
101286	06X2X0,5 SW	15	415	70	101047	24X2X0,75 SW	25,9	1245	365
101106	12X2X0,5 SW	18,5	625	130	101073	01X2X1,3 SW	11,5	242	34
101108	24X2X0,5 SW	24,2	1050	250	101079	01X3X1,3 SW	11,9	261	50
101110	36X2X0,5 SW	27,8	1315	371	101074	02X2X1,3 SW	14,9	384	60
101525	01X2X0,75 SW	10,3	203	25	101187	02X3X1,3 SW	16,1	450	86

p/n	part name	D _A [mm]	G [kg/km]	Cu [kg/km]
101075	04X2X1,3 SW	16,7	479	114
101076	08X2X1,3 SW	21,4	721	218
101179	10X2X1,3 SW	23,1	1206	251
101077	12X2X1,3 SW	25,6	1093	322
101271	16X2X1,3 SW	27,8	1270	426
101181	20X2X1,3 SW	30,2	2064	494,3
101078	24X2X1,3 SW	32,1	1779	684
101260	01X2X1,5 SW	11,5	254	39
101641	01X3X1,5 SW	12,2	298	55
101336	02X2X1,5 SW	15,4	402	72,1
101899	10X2X1,5 SW	25,3	1172	335
101338	20X2X1,5 BL	31,1	1715	605
101183	02X2X2,5 SW	18,1	571	101
101186	01X2X0,5 BL	9,6	178	15
101103	02X2X0,5 BL	12,1	270	30
101105	04X2X0,5 BL	13,5	345	46
101287	06X2X0,5 BL	15	415	70
101107	12X2X0,5 BL	18,5	625	130
101109	24X2X0,5 BL	24,2	1050	250
101111	36X2X0,5 BL	27,8	1315	371
101527	01X2X0,75 BL	10,3	203	25

p/n	part name	D _A [mm]	G [kg/km]	Cu [kg/km]
101528	02X2X0,75 BL	13,4	310	47
101149	12X2X0,75 BL	20,2	805	185
101523	16X2X0,75 BL	22,6	945	245
101046	24X2X0,75 BL	25,9	1245	365
101150	01X3X1,3 BL	11,9	261	50
101152	02X2X1,3 BL	14,9	384	60
101188	02X3X1,3 BL	16,1	450	86
101153	04X2X1,3 BL	16,7	479	114
101155	08X2X1,3 BL	21,4	721	218
101180	10X2X1,3 BL	23,1	1206	251
101156	12X2X1,3 BL	25,6	1093	322
101272	16X2X1,3 BL	27,8	1270	426
101182	20X2X1,3 BL	30,2	2064	494,3
101157	24X2X1,3 BL	32,1	1779	684
101261	01X2X1,5 BL	11,5	254	39
101335	02X2X1,5 BL	15,4	402	72,1
101900	10X2X1,5 BL	25,3	1172	335
101337	20X2X1,5 BL	31,1	1715	605
101184	02X2X2,5 BL	18,1	571	101

DA	Outer diameter approx.
G	net weight
Cu	Copper weight (GER)