

Instrumentation cable RE-2X(St)Yv-fl PiMF acc. to EN 50288-7



Conductor material:	copper, bare
Conductor class:	strand, 7-wired construction
Insulation:	XLPE
Screen over stranding unit:	foil
Screen:	plastic coated aluminium foil + solid copper drain wire
Screen over strand:	foil
Drain wire:	yes
Sheathing material:	PVC, enforced
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
UV-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:	7,5 x DA
Bending radius, moving application:	15 x DA
Insulation resistance:	5 MOhm \times km
Specific inductivity:	1 mH/km
Maximum operating capacity:	115 nF/km
peak operating voltage:	300 V
Core identification:	core A: black, core B: white with number

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 the ground.



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)Yv-fl PiMF

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]
100664	02X2X0,5 SW	10,7	120	35	100679	02X2X0,75 SW	11,4	140	47
100666	04X2X0,5 SW	12,1	160	62	100681	04X2X0,75 SW	13	190	82
100668	6X2X0,5 SW	14,1	210	90	100683	06X2X0,75 SW	15,2	260	124
100669	08X2X0,5 SW	14,9	225	121	100685	08X2X0,75 SW	16,1	310	160
100671	12X2X0,5 SW	17,4	340	176	100687	12X2X0,75 SW	18,8	410	237
100673	16X2X0,5 SW	19,5	430	233	100689	16X2X0,75 SW	21,1	530	315
100675	24X2X0,5 SW	23	580	348	100691	24X2X0,75 SW	25,5	760	470

p/n	part name	D _A [mm]	G [kg/km]	Cu [kg/km]
101101	02X2X1 SW	10,4	118	53,3
100560	02X2X1,3 SW	12,6	135	68
100495	04X2X1,3 SW	14,4	220	124
100694	06X2X1,3 SW	17	301	181
100561	08X2X1,3 SW	18	389	239
100697	12X2X1,3 SW	21,3	580	353
100590	16X2X1,3 SW	24,3	719	468
100700	24X2X1,3 SW	29	1090	697
100663	02X2X0,5 BL	10,7	120	35
100665	04X2X0,5 BL	12,1	160	62
100667	06X2X0,5 BL	14,1	210	90
100586	08X2X0,5 BL	14,9	225	121
100670	12X2X0,5 BL	17,4	340	176
100672	16X2X0,5 BL	19,5	430	233
100674	24X2X0,5 BL	23	580	348
100678	02X2X0,75 BL	11,4	140	47

p/n	part name	D _A [mm]	G [kg/km]	Cu [kg/km]
100680	04X2X0,75 BL	13	190	82
100682	06X2X0,75 BL	15,2	260	124
100684	08X2X0,75 BL	16,1	310	160
100686	12X2X0,75 BL	18,8	410	237
100688	16X2X0,75 BL	21,1	530	315
100690	24X2X0,75 BL	25,5	760	470
100620	02X2X1,3 BL	12,6	135	68
100565	04X2X1,3 BL	14,4	220	124
100583	06X2X1,3 BL	17	301	181
100695	08X2X1,3 BL	18	389	239
100696	12X2X1,3 BL	21,3	580	353
100698	16X2X1,3 BL	24,3	719	468
100699	24X2X1,3 BL	29	1090	697

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