

# Instrumentation cable

## RE-2X(St)Yv-fl 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, outdoors and direct burial in the ground.

### Construction and technical data:

<b>Standard:</b>	EN 50288-7
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	class 2, 7-wired construction
<b>Insulation:</b>	XLPE
<b>Screen:</b>	plastic coated aluminium foil + solid copper drain wire
<b>Screen over stranding unit:</b>	Foil
<b>Screen over strand:</b>	Foil
<b>Drain wire:</b>	yes
<b>Sheathing material:</b>	PVC, enforced
<b>Flame-retardant:</b>	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
<b>UV-resistant:</b>	yes, only black version
<b>For outdoor use:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-20 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +50 °C
<b>Bending radius, fixed installation:</b>	7.5 x Ø
<b>Bending radius, moving application:</b>	15 x Ø
<b>Insulation resistance:</b>	1000 MOhm x km
<b>Specific inductivity:</b>	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:

Test voltage:

Core identification:

peak operating voltage, V:

150 nF/km

1 kV

core A: black, core B: white with number

300 V

part no.	part name	Ø [mm]	Cu	G [kg]
100664	02X2X0.5 BK	10.7	35	120
100666	04X2X0.5 BK	12.1	62	160
100668	06X2X0.5 BK	14.1	90	210
100669	08X2X0.5 BK	14.9	121	225
100671	12X2X0.5 BK	17.4	176	340
100673	16X2X0.5 BK	19.5	233	430
100675	24X2X0.5 BK	23	348	580
100679	02X2X0.75 BK	11.4	47	140
100681	04X2X0.75 BK	13	82	190
100683	06X2X0.75 BK	15.2	124	260
100685	08X2X0.75 BK	16.1	160	310
100687	12X2X0.75 BK	18.8	237	410
100689	16X2X0.75 BK	21.1	315	530
100691	24X2X0.75 BK	25.5	470	760
101101	02X2X1 BK	10.4	53.3	118
100560	02X2X1.3 BK	12.6	68	135
100495	04X2X1.3 BK	14.4	124	220
100694	06X2X1.3 BK	17	181	301
100561	08X2X1.3 BK	18	239	389
100697	12X2X1.3 BK	21.3	353	580
100590	16X2X1.3 BK	24.3	468	719
100700	24X2X1.3 BK	29	697	1090
100663	02X2X0.5 BU	10.7	35	120
100665	04X2X0.5 BU	12.1	62	160
100667	06X2X0.5 BU	14.1	90	210
100586	08X2X0.5 BU	14.9	121	225
100670	12X2X0.5 BU	17.4	176	340
100672	16X2X0.5 BU	19.5	233	430
100674	24X2X0.5 BU	23	348	580
100678	02X2X0.75 BU	11.4	47	140
100680	04X2X0.75 BU	13	82	190
100682	06X2X0.75 BU	15.2	124	260
100684	08X2X0.75 BU	16.1	160	310
100686	12X2X0.75 BU	18.8	237	410
100688	16X2X0.75 BU	21.1	315	530
100690	24X2X0.75 BU	25.5	470	760
100620	02X2X1.3 BU	12.6	68	135
100565	04X2X1.3 BU	14.4	124	220
100583	06X2X1.3 BU	17	181	301
100695	08X2X1.3 BU	18	239	389
100696	12X2X1.3 BU	21.3	353	580
100698	16X2X1.3 BU	24.3	468	719
100699	24X2X1.3 BU	29	697	1090

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