

# Instrumentation cable

## RD-YwCYw ... Bd



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 with high environmental temperatures.

### Construction and technical data:

<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	class 2, 7-wired construction
<b>Insulation:</b>	PVC YI 8
<b>Screen:</b>	copper braid
<b>Screen coverage:</b>	80 %
<b>Sheathing material:</b>	PVC YM4
<b>Colour of outer sheath:</b>	grey
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>UV-resistant:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-30 - +90 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +50 °C
<b>Bending radius, fixed installation:</b>	7.5 x Ø
<b>Insulation resistance:</b>	100 MOhm <sub>x</sub> 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.*

Stranding	Cores into pairs (2-pair as a star-quad), 4 pairs into a bunch, bunches in layers. Identification of bunches by numbered helix.
Core identification	blue, red; grey, yellow; green , brown; white, black

**Maximum operating capacity:**

120 nF/km

**Core identification:**

colours acc. to VDE 0815

**peak operating voltage, V:**

225 V

part no.	part name	Wi [mm]	Ø [mm]	Cu	G [kg]
100930	01X2X0.5 Bd	0.3	6.1	43	89
100931	02X2X0.5 Bd	0.3	6.5	54	89
100932	04X2X0.5 Bd	0.3	9.1	95	130
100933	08X2X0.5 Bd	0.3	12.1	145	195

Wi	Insulation wall thickness
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000