

# Instrumentation cable

## RE-2X(St)HSWAH 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. Core identification: black-white with sequential numbering

### Construction and technical data:

<b>Standard:</b>	EN 50288-7 (with ref. to)
<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	class 2, 7-wired construction
<b>Insulation:</b>	XLPE
<b>Stranding unit:</b>	pair
<b>Stranding:</b>	Layers
<b>Core wrapping:</b>	plastic foil
<b>Material inner sheath:</b>	halogen-free
<b>Screen:</b>	plastic coated Al-foil + copper drain wire, tinned
<b>Armour:</b>	round steel wire, galvanized
<b>Sheathing material:</b>	halogen-free
<b>Colour of outer sheath:</b>	black
<b>Flame-retardant:</b>	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
<b>Halogen-free:</b>	DIN EN 50267/IEC 60754
<b>UV-resistant:</b>	yes
<b>Oil-resistant:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-40 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-15 - +50 °C
<b>Bending radius, fixed installation:</b>	10 x Ø
<b>Insulation resistance:</b>	1000 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.*

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**Maximum operating capacity:** 150 nF/km

**Test voltage:** 2 kV

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
101377	02X2X0,75 BK	24.5	14.6	41	344
102211	04X2X0.75 BK	24.5	17.1	76.3	532

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