

# Instrumentation cable

## RE-2Y(St)Yv 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, in outdoor and direct burial in earth. The types with blue outer sheath are suitable for intrinsically safe installation -Ex i- in hazardous areas.

stranding:  
- two cores twisted into a pair (PiMF-version: pairs in plastic coated Al-foil)  
- pairs stranded in layers

### Construction and technical data:

<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	class 2, 7-wired construction
<b>Insulation:</b>	polyethylene
<b>Stranding unit:</b>	Pair
<b>Screen over stranding unit:</b>	plastic coated Al-foil + copper drain wire, tinned
<b>Screen over strand:</b>	plastic coated Al-foil + copper drain wire, tinned
<b>Sheathing material:</b>	PVC, enforced
<b>Flame-retardant:</b>	VDE 0482-332-1-2/IEC 60332-1-2
<b>For outdoor use:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-5 - +50 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-30 - +70 °C
<b>Bending radius, fixed installation:</b>	7.5 x Ø
<b>Insulation resistance:</b>	5000 MOhm x km
<b>Specific inductivity:</b>	0.75 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.*

**RE-2Y(St)Yv PiMF**

**Maximum operating capacity:** 100 nF/km  
**Core identification:** black/white with numbers  
**peak operating voltage, V:** 300 V

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
100881	04X2X0.75 BK	24.6	13	76	200
100883	08X2X0.75 BK	24.6	16.2	147	320

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