

# Industry

## RE-2X(st)Yv-fl PiMF



TKF, Instrumentation cable RE-2X(st)Yv-fl PIMF / (XLPE/ISCR/OSCR/PVCfrtt).

Application: For transmission of analogue and digital signals in measurement and process control.

Suitable for use in zone 1 and zone 2 group II classified areas (IEC 60079-14).

The individual screening of each pair limits the consequences of crosstalk.

Use: For indoor and outdoor installation.

Constructions also available in Halogen Free (HFFR) Flame retardant acc. IEC 60332-3-22 Cat. A and/or with Circuit Integrity (Fire Resistant) acc. IEC 60331-21.

Characteristics	Properties	Unit
Product group	Signal cables	
Series	Instrumentation cable	
Type	RE-2X(st)Yv-fl PiMF	
Radial water blocking	Yes	
Stranding	Layers	
Core identification	Colour + numbers	
Conductor category	Class 2 = stranded	
Core insulation	XLPE	
Screen over stranding element	Drainwire solid - Al/Polyester foil	
Screen over stranding	Foil - drainwire - Al/Polyester foil - foil	
Material outer sheath	PVC	
Flame retardant	IEC 60332-3-24 Cat. C	
Operating temperature, flexible	-5 / 50	°C
Operating temperature, fixed	-30 / 70	°C
Construction and Colour codes	See appendix	

Partnumber	Construction	Colour insulated wires	Colour outer sheath	Outer sheath thickness (mm)	Outer diameter approx. (mm)	Net weight
15137	2 x 2 x 0,75 mm <sup>2</sup>	Black and white	Black	1,8	11,4	145
15337	2 x 2 x 0,75 mm <sup>2</sup>	Black and white	Blue	1,8	11,4	145
15338	4 x 2 x 0,75 mm <sup>2</sup>	Black and white	Blue	1,8	12,9	193
15138	4 x 2 x 0,75 mm <sup>2</sup>	Black and white	Black	1,8	12,9	192
15139	8 x 2 x 0,75 mm <sup>2</sup>	Black and white	Black	1,8	15,9	304
15339	8 x 2 x 0,75 mm <sup>2</sup>	Black and white	Blue	1,8	15,9	304
15340	12 x 2 x 0,75 mm <sup>2</sup>	Black and white	Blue	1,8	18,5	413
15140	12 x 2 x 0,75 mm <sup>2</sup>	Black and white	Black	1,8	18,5	413
15141	16 x 2 x 0,75 mm <sup>2</sup>	Black and white	Black	1,8	20,8	523
15341	16 x 2 x 0,75 mm <sup>2</sup>	Black and white	Blue	1,8	20,8	524
15342	24 x 2 x 0,75 mm <sup>2</sup>	Black and white	Blue	1,8	24,5	725



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Partnumber	Construction	Colour insulated wires	Colour outer sheath	Outer sheath thickness (mm)	Outer diameter approx. (mm)	Net weight
15142	24 x 2 x 0,75 mm <sup>2</sup>	Black and white	Black	1,8	24,5	724
15149	32 x 2 x 0,75 mm <sup>2</sup>	Black and white	Black	1,8	27,6	931
15143	2 x 2 x 1,3 mm <sup>2</sup>	Black and white	Black	1,8	13,2	189
15343	2 x 2 x 1,3 mm <sup>2</sup>	Black and white	Blue	1,8	13,2	189
15344	4 x 2 x 1,3 mm <sup>2</sup>	Black and white	Blue	1,8	15,1	259
15144	4 x 2 x 1,3 mm <sup>2</sup>	Black and white	Black	1,8	15,1	258
15145	8 x 2 x 1,3 mm <sup>2</sup>	Black and white	Black	1,8	18,8	421
15345	8 x 2 x 1,3 mm <sup>2</sup>	Black and white	Blue	1,8	18,8	422
15346	12 x 2 x 1,3 mm <sup>2</sup>	Black and white	Blue	1,8	22,2	584
15146	12 x 2 x 1,3 mm <sup>2</sup>	Black and white	Black	1,8	22,2	584
15147	16 x 2 x 1,3 mm <sup>2</sup>	Black and white	Black	1,8	25,0	745
15347	16 x 2 x 1,3 mm <sup>2</sup>	Black and white	Blue	1,8	25,0	745
15348	24 x 2 x 1,3 mm <sup>2</sup>	Black and white	Blue	1,8	29,7	1046
15148	24 x 2 x 1,3 mm <sup>2</sup>	Black and white	Black	1,8	29,7	1046