



RE-2Y(st)Yv-fi PIMF - TIMF

Application Area

This instrumentation cable is used for analogous and digital signal transmission in electronic control systems and panels, communication technologies, petrochemical industry in indoor and outdoor applications.

Cable Construction

Conductor	Stranded Annealed Copper to IEC/EN 60228, Class 2 (Class 1 or Class 5 and / or tinned on request)
Insulation	PE compound to EN50290-2-23
Core Stranding	Screened pairs, triples,quads are stranded in layers
Screen	Individual & Overall Al-PET foil Screens with Tinned Copper Drain Wire
Outer Sheath	Special reinforced PVC compound
Colours	Outer Sheath: Blue or Black and other colours on request Core Colours: Numbered Pair: Black / White, Numbered Triples: Black / White / Red and Numbered Quad: Black / White / Red / Blue

Technical Characteristics

Operating Voltage	500 V
Test Voltage	2000 V
Temperature Range	Fixed -40°C / +70°C, Flexible - 5°C / +50°C
Flame Retardancy	IEC 60332-1-2 / IEC 60332-3-24 Cat. C
Min. Bending Radius	Fixed: 7,5 x Cable Diameter

Cu Class	No. of cores x cross section n x mm ²	Outer-ø ± 5% mm	Cable weight = kg/km
CLASS 2	2x2x0,50	11,60	156
	3x2x0,50	12,20	160
	4x2x0,50	13,20	190
	5x2x0,50	14,30	227
	6x2x0,50	15,50	269
	10x2x0,50	18,60	370
	2x2x0,75	12,30	182
	3x2x0,75	13,00	187
	4x2x0,75	14,10	227
	5x2x0,75	15,30	272
	6x2x0,75	16,50	325
	10x2x0,75	19,90	453
	2x2x1	12,80	206
	3x2x1	13,50	214
	4x2x1	14,70	262
	5x2x1	16,00	316
	6x2x1	17,30	377
10x2x1	20,90	533	
2x2x1,5	13,60	234	
3x2x1,5	14,40	244	
4x2x1,5	15,60	301	
5x2x1,5	17,00	364	
6x2x1,5	18,50	437	
2x2x2,5	15,90	322	
3x2x2,5	16,90	341	
4x2x2,5	18,50	428	
5x2x2,5	20,20	525	