



## RE-2Y(st)Yv-fl

### 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

<b>Conductor</b>	Stranded Annealed Copper to IEC/EN 60228, Class 2 (Class 1 or Class 5 and / or tinned on request)
<b>Insulation</b>	PE compound to EN50290-2-23
<b>Core Stranding</b>	Cores twisted to pairs, pairs is stranded in layers
<b>Screen</b>	Collective Al-PET foil Screen with Tinned Copper Drain Wire
<b>Outer Sheath</b>	Special PVC compound (Reinforced)
<b>Colours</b>	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

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

Cu Class	No. of cores x cross section n x mm <sup>2</sup>	Outer-ø ± 5% mm	Cable weight = kg/km
CLASS 1	1x2x0,50	8	78,00
	2x2x0,50	8,9	95,00
	3x2x0,50	11,2	132,00
	4x2x0,50	12,1	160,00
	5x2x0,50	13	190,00
	6x2x0,50	14,1	223,00
	10x2x0,50	16,8	302,00
	15x2x0,50	19,9	413,00
	20x2x0,50	21,9	507,00
	1x2x0,75	8,4	88,00
	2x2x0,75	9,4	110,00
	3x2x0,75	11,9	155,00
	4x2x0,75	12,9	188,00
	5x2x0,75	14	224,00
	6x2x0,75	15	268,00
10x2x0,75	18	369,00	
15x2x0,75	21,4	512,00	
CLASS 2	1x2x1	8,7	100,00
	2x2x1	9,7	125,00
	3x2x1	12,5	175,00
	4x2x1	13,5	212,00
	5x2x1	14,6	256,00
	6x2x1	15,8	310,00
	10x2x1	19	426,00
	1x2x1,5	9,1	111,00
	2x2x1,5	10,2	143,00
	3x2x1,5	13,2	202,00
	4x2x1,5	14,3	250,00
	5x2x1,5	15,5	303,00
6x2x1,5	16,8	364,00	
10x2x1,5	20,3	515,00	
1x2x2,5	10,4	150,00	
2x2x2,5	11,8	201,00	
3x2x2,5	15,5	288,00	
4x2x2,5	16,9	363,00	
5x2x2,5	18,4	446,00	
6x2x2,5	20	542,00	