



PVC / CAT /PVC P2TY1

Application Area

This overall screened instrumentation cable is used for signal transmission in electronic control systems and panels, communication and telecom technologies, petrochemical and other commercial and industrial applications.

Cable Construction

Conductor BS EN 60228	Solid (class 1), stranded (class 2) or flexible (class 5) copper conductor to
Insulation	PVC (EN 50290-2-21)
Core Stranding	Cores twisted to pairs , triples or quads in layers.
Screen	Collective Al-PET foil Screens with Tinned Copper Drain Wire
Outer Sheath	PVC (EN 50290-2-22)
Insulation	PVC (EN 50290-2-21)
Colours	Outer Sheath: Blue or Black and other colours on request Core Colours: Colour coded in accordance to PAS 5308-1

Technical Characteristics

Operating Voltage	300 V / 500 V
Test Voltage	2000 V
Temperature Range	Operating -15°C to +65°C, Installation 0°C to +50°C
Flame Retardancy	IEC 60332-1-2
Min. Bending Radius	Fixed: 8 x Cable Diameter

	No. of cores x cross section n x mm ²	Outer-ø ± 5% mm	Cable weight = kg/km
CLASS 5	1x2x0,50	6	43
	2x2x0,50	6,8	64
	5x2x0,50	11,4	146
	10x2x0,50	15,4	262
	15x2x0,50	18,6	376
	20x2x0,50	20,9	487
CLASS 5	1x2x0,75	6,4	51
	2x2x0,75	7,3	79
	5x2x0,75	12,3	180
	10x2x0,75	16,8	334
	15x2x0,75	20,4	480
CLASS 2	1x2x1,5	7,4	74
	2x2x1,5	8,7	123
	5x2x1,5	14,6	305
	10x2x1,5	20	571
CLASS 2	1x2x2,5	8,2	100
	2x2x2,5	9,7	171
	5x2x2,5	16,8	436