



RE2XSTYSWAY PIMF IAM CAM SWA Instrumentation Cable

Applications:	RE2XSTYSWAY- PIMF instrumentation cable to EN50288-7, suitable for instrumentation, control and communications applications
Conductors:	Class 2 copper conductors plus comms core, 1.5sqmm pairs & triples
Insulation:	XLPE to EN50290-2-29
Pair identification:	Black & white numbered
Triple identification:	Black, white and red numbered
Screen:	CAM (Collective aluminium mylar) including drain wire, IAM (Individual aluminium mylar)
Bedding:	PVC
Sheath/Jacket:	PVC (Polyvinyl-Chloride) RP
Armour:	SWA (Steel wire armour)
Colour:	Black
Voltage:	500v
Insulation thickness:	0.44mm
Tinned copper drain wire:	0.6sqmm individual screen, 0.5sqmm collective screen
Sheath thickness:	2 pair 1.5mm, 4 pair 1.6mm, 8 pair 1.8mm, 12pair 2.0mm, 24 pair 2.3mm 2 triple 1.5mm, 4 triple 1.6mm, 8 triple 2.00mm, 12 pair 2.3mm
Armour wire diameter:	2 pair 0.9mm, 4-8 pair 1.25mm, 12 pair 1.6mm, 24 pair 2.0mm 2-8 triple 1.25mm, 12 triple 1.6mm
Bedding thickness:	2-12 pair 1.00mm, 24 pair 1.2mm 2-8 triple 1.00mm, 12 triple 1.2mm
Installation temperature range:	-5 to +70 °C
Operation temperature range	-40 to +70 °C
Core temperature:	+90 °C
Designation:	RE Instrumentation 2X XLPE insulation 2Y PE insulation Y PVC insulation ST CAM Y PVC sheath SWA Steel wire armour Y PVC sheath PIMF IAM



Standards: EN50288-7:2005 Multi-element metallic cables used in analogue and digital communication and control. Part 7 - sectional specification for instrumentation and control cables

No of pairs or triples	Conductor size mm	Colour	Diameter over insulation mm	Diameter over armour mm	Diameter over sheath mm	Min conductor resistance OHM/KM	Weight KG/KM	BATT part number
2 pair	1.5	Black	10.3	14.1	17.1	12.3	420	85982
4 pair	1.5	Black	11.8	16.3	19.5	12.3	650	85983
8 pair	1.5	Black	15.7	20.2	23.8	12.3	951	85984
12 pair	1.5	Black	19.5	22.7	26.7	12.3	1416	85985
24 pair	1.5	Black	28	34.4	39	12.3	2532	85986
2 triple	1.5	Black	11.6	16.1	19.1	12.3	496	85979
4 triple	1.5	Black	13.5	18	21.2	12.3	762	85980
8 triple	1.5	Black	19	23.5	27.5	12.3	1406	85981
12 triple	1.5	Black	24.1	29.7	34.3	12.3	1836	85978