



Instrumentation Cable - Overall Screened 110V

Conductor:	Copper Wire Conductor
Insulation :	PVC
Core colours for pair :	Black, White with continuous number
Overall screen :	AL/Polyester Tape
Drain Wire :	Stranded Tinned Copper 7/020mm is applied between the lapping tape and the pairs
Sheath :	PVC
Outer sheath colour:	Black
Voltage :	110v/150v AC 300v DC
Flame Retardant Standard:	IEC 60332-1



CODE	Nominal Area, Sq mm	No. of pair	No. Strand/ ϕ mm (Max.)	Thickness of insulation, mm	Nominal Cable Diameter, mm	Max DC Resistance @20°C Ω /km
IAS0.501P	0.5	1	7x0.30	0.4	5.2	38.4
IAS0.502P	0.5	2	7x0.30	0.4	6.7	38.4
IAS0.503P	0.5	3	7x0.30	0.4	7.3	38.4
IAS0.504P	0.5	4	7x0.30	0.4	8.2	38.4
IAS0.506P	0.5	6	7x0.30	0.4	9.7	38.4
IAS0.508P	0.5	8	7x0.30	0.4	11.0	38.4
IAS0.510P	0.5	10	7x0.30	0.4	12.1	38.4
IAS0.512P	0.5	12	7x0.30	0.4	13.1	38.4
IAS0.516P	0.5	16	7x0.30	0.4	14.9	38.4
IAS0.520P	0.5	20	7x0.30	0.4	16.5	38.4
IAS0.524P	0.5	24	7x0.30	0.4	17.9	38.4
IAS0.536P	0.5	36	7x0.30	0.4	21.6	38.4



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CODE	Nominal Area, Sq mm	No. of pair	No. Strand/ ϕ mm (Max.)	Thickness of insulation, mm	Nominal Cable Diameter, mm	Max DC Resistance @20°C Ω /km
IAS1.001P	0.88	1	7x0.40	0.4	5.8	21.3
IAS1.002P	0.88	2	7x0.40	0.4	7.6	21.3
IAS1.003P	0.88	3	7x0.40	0.4	8.4	21.3
IAS1.501P	1.5	1	7x0.50	0.4	6.7	13.6
IAS1.502P	1.5	2	7x0.50	0.4	8.9	13.6
IAS1.503P	1.5	3	7x0.50	0.4	9.7	13.6
IAS1.504P	1.5	4	7x0.50	0.4	11.0	13.6
IAS1.506P	1.5	6	7x0.50	0.4	13.1	13.6
IAS1.508P	1.5	8	7x0.50	0.4	14.9	13.6
IAS1.510P	1.5	10	7x0.50	0.4	16.5	13.6
IAS1.512P	1.5	12	7x0.50	0.4	18.0	13.6
IAS1.516P	1.5	16	7x0.50	0.4	20.5	13.6
IAS1.520P	1.5	20	7x0.50	0.4	22.7	13.6
IAS1.524P	1.5	24	7x0.50	0.4	24.8	13.6
IAS1.536P	1.5	36	7x0.50	0.4	30.0	13.6