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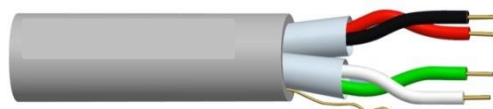
Industrial / Power / Data / Security / Fibre

Data & Control Cable

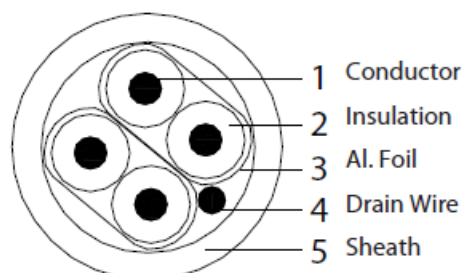
Part No: MCP2IS-W

Description	7/0.25mm (22 AWG) TACW, PP Insulated, 2 Pair, Individual Al-Polyester Laminate Screened with a shared Drain Wire, Overall PVC Sheath
Applicable Standards	AS/CA S-008, AS 1125, AS 1049, UL 444
Suitable Applications	For the interconnection of instruments and control equipment. Also used in audio applications as a microphone or line level cable and in low bit rate data applications such as RS-232 to connect DTE equipment together. Can be used for security systems to connect sensors, touch pads and keypads to central units/monitors.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	No. of Strands	Nominal Strand Size	Material
	7	0.25 mm	TACW

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Insulation	Pairs:	2		
	Material:	Polypropylene		
	Colours:	Pair 1: Red & Black Pair 2: Green & White		
	Diameter:	1.2 mm		
	Average Thickness:	0.25 mm		
Cabling	Cabling Direction:	Left Hand, LH or "S" direction.		
	Cabling Lay:	≤ 100 mm		
Screening Tape	Material :	Individually screened with 2 x Aluminium-Polyester Laminate Tapes. Aluminium facing out and in contact with a single drain wire.		
	Minimum Overlap :	20%		
Drain Wire	No of Strands	Nominal Strand Size	Material	
	7	0.2 mm	TACW	
Sheath	Material:	4V-75 PVC		
	Colour:	Grey		
	Diameter:	4.3		
	Average Thickness:	0.5 mm		

Electrical Properties

Conductor DCR (22 AWG conductors)	≤ 57.4 Ω/km @ 20°C (UL 444)
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Mechanical Properties

Operating Temperature Range	-15 to 75°C
Max. Recommended Pulling Tension	96N
Min. Bend Radius (install)	45mm
Approximate Mass	2.9 kg/100m

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Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	F22 x W7 cm	6R	32
300m	Pull Box	-	1	45
500m	Composite Reel	F32 x W19 cm	1	36

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances

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