

# Data & Control Cable

(work) series

## 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. Used in audio applications as a microphone or line level cable.

Used 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.

Images

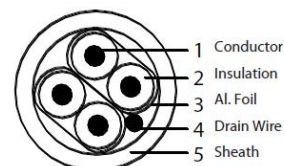


Image for illustration purposes only.



Construction

<b>Conductor</b>	Material	TACW	
	No. of Strands	7	
	Strand Size	0.25 mm	
	<b>Insulation</b>	Pairs	2
		Material	Polypropylene
		Colour	Pair 1: Red & Black Pair 2: Green & White
		Average Thickness (mm)	0.25
Diameter (mm)	1.2		
<b>Cabling</b>	Cabling Direction	Left Hand, LH or "S" direction	
	Cabling Lay	≤ 100 mm	
<b>Screening Tape</b>	Material	Individually screened with 2 x Aluminium-Polyester Laminate facing Tapes. Aluminium out and in contact with a single drain wire	
	Minimum Overlap	20%	

Garland's Work Series range is the experts' choice for high quality cables.

MCP2IS-W-2104227

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<b>Construction</b>	<b>Drain Wire</b>	Material	TACW
		No. of Strands	7
		Strand Size	0.2 mm
	<b>Sheath</b>	Material	4V-75 PVC
		Colour	Grey
		Diameter (mm)	4.3
		Average Thickness (mm)	0.5

<b>Properties</b>	<b>Conductor DCR (22 AWG conductors)</b>	$\leq 57.4 \Omega/\text{km}$ @ 20°C (UL 444)
	<b>Operating Temperature Range</b>	-15 to 75°C
	<b>Max. Recommended Pulling Tension</b>	96N
	<b>Min. Bend Radius (install)</b>	45 mm
	<b>Approximate Mass</b>	2.9kg/100 m

<b>Supply Information</b>	Part Number	Pack Size	Carton/Box size (cm)	Qty per carton	Boxes x Reels Per Pallet
	MCP2IS100-W	100m	F22 x W7 cm	6R	32
	MCP2IS300-W	300m	-	1	45
	MCP2IS500-W	500m	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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