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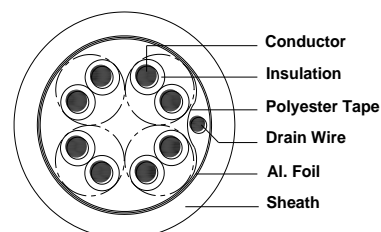
## Part No: MCP7054S

Description	Stranded 16 AWG PACW, 4 Twisted Pairs, V-90HT PVC Insulated, Aluminium Polyester Tape Overall Screen, TACW 22AWG Drain Wire, 5V-90 PVC Sheath.
Applicable Standards	AS/NZS 1125 , AS/NZS 3808 , IEC60332-1
Suitable Applications	Instrument and control cable for use in industrial applications including the interconnection of signals between cabinets, consoles, sensors and display panels. Can also be used for carrying low bit rate data signals.
	Not suitable for direct connection to mains voltages.

### Cable Construction Drawing



### Cable Construction Relative Parts



### Cable Description

Conductor	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	16	7/0.50	1.5	1.5	PACW
Insulation	Pairs : 4		Material : V-90HT PVC		
	Material : Black and White wires form a Pair.		Colour : Pair nos. printed on each pair for identification		
	Nominal Thickness (mm) : 0.3		Nominal OD (mm) : 2.2		
Screen	Material: Al. Polyester Tape		Coverage: 100%		
Drain Wire	AWG	Standing	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	22	7/0.25	0.34	0.75	TACW

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Instrumentation Cable



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Sheath	Material :	5V-90 PVC
	Colour :	Black
	Nominal Thickness (mm) :	0.8
	Nominal OD (mm) :	10.6

### Electrical Properties

Max. Conductor DC Resistance @ 20°C	13.6Ω/km
Min. Impedance @ 1KHz	280ohm
Max. Capacitance Core to Core @ 1KHz	110pF/m
Max. Inductance @ 1KHz	1.0μH/m
Max. Current Rating	13A
Suggest Voltage Rating	110a.c/150d.c

### Mechanical Properties

Operating Temperature Range	-15 to 90°C
Max. Recommended Pulling Tension	662N
Min. Bend Radius (install)	110mm
Approximate Mass	18.9kg/100m
Sheath Printing	GARLAND 4PAIR 1.5mm <sup>2</sup> INSTRUMENTATION CABLE MCP7054S - MM/YYYY - "Mmark"

### Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Wooden Reel	W33 x H21.8cm	1R	
500m	Wooden Reel	W56 x H39.4cm	1R	

- 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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