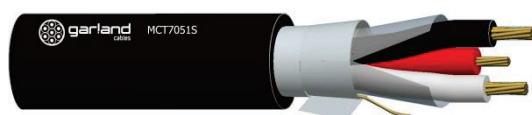


Garland's Pro Series range is the experts' choice for high quality cables.

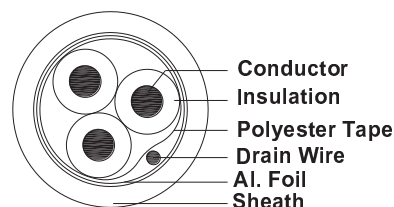
Part No: MCT7051S

Description	Stranded 16 AWG PACW, Single Triad, V-90HT PVC Insulated, Aluminium Polyester 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	Stranding	Area(mm ²)	Diameter(mm)	Material
	16	7/0.50	1.5	1.5	PACW
Insulation	Triad : 1 Material : V-90HT PVC Colour : Black, White and Red wires form a triad. Triad nos. printed on each triad Nominal Thickness (mm) : 0.3 Nominal OD (mm) : 2.2				
Screen	Material: Al. Polyester Tape Coverage: 100%				
Drain Wire	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	22	7/0.25	0.34	0.75	TACW

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Sheath	Material : Colour : Nominal Thickness (mm) : Nominal OD (mm) :	5V-90 PVC Black 0.75 7.2
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Electrical Properties

Max. Conductor DC Resistance @ 20°C	13.6Ω/km
Min. Impedance @ 1KHz	280ohm
Nom. Mutual Capacitance @ 1KHz	110pF/m
Max. Inductance @ 1KHz	1.1μH/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	288N
Min. Bend Radius (install)	72mm
Approximate Mass	8.5kg/100m
Sheath Printing	GARLAND 1TRIAD 1.5mm ² INSTRUMENTATION CABLE MCT7051S - MM/YYYY - "Mmark"

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 6.5"	2R	
500m	Wooden Reel	W45 x H21.8cm	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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