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cables

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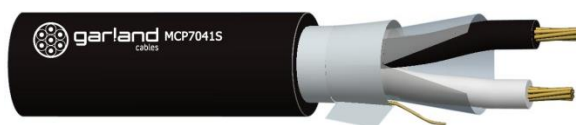
Industrial / Power / Data / Security / Fibre

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

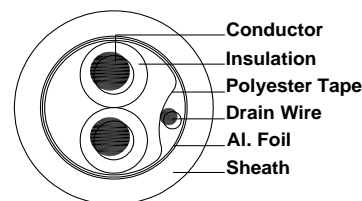
Part No: MCP7041S

Description	18AWG (7/0.4mm) Stranded PACW, Single Twisted Pair, V-90HT PVC Insulation, Aluminium Polyester Tape Overall Screen, TACW 22AWG (7/0.25mm) Drain Wire, V-90HT PVC Sheath.
Applicable Standards	AS/ACIF S008, AS 1049
Suitable Applications	For low voltage device connection. Not Suitable for mains connection.

Cable Construction Drawing



Cable Construction Relative Parts



Instrumentation Cable

Cable Description

Conductor	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	18	7/0.40	0.88	1.2	PACW
Insulation	Pair : 1 Material : PVC Colour : Black twist White form a pair. Pair number on each pair for identification. Nominal Thickness (mm) : 0.30 Nominal OD (mm) : 1.85				
Screen	Material : Al. Polyester Tape		Coverage : 100%		
Drain Wire	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	22	7/0.25	0.343	0.75	TACW

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Sheath	Material :	V-90 HT PVC
	Colour :	Signal Black(RAL 9004)
	Nominal Thickness (mm) :	0.80
	Nominal OD (mm) :	5.5


Electrical Properties

Max. Conductor DC Resistance @ 20°C	22.2Ω/km
Min. Insulation Resistance @ 20°C	50MΩ.km
Voltage Test: Conductor to core	1.5 kV ac/1min
Voltage Test: Core to sheath	3.0 kV ac/1min
Voltage Test: Shield to sheath	3.0 kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 90°C
Max. Recommended Pulling Tension	123N
Min. Bend Radius (install)	62mm
Approximate Mass	4.51kg/100m

Sheath Printing

 GARLAND INSTRUMENTATION CABLE MCP7041S -
1PR X 7/0.4 OAS - MM/YYYY - "Mmark"

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Wooden Reel	W24 x H21.8cm	1R	
500m	Wooden Reel	W36 x H21.8cm	1R	

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