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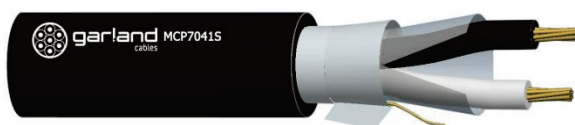
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Garland's Pro Series range is the experts' choice for high quality cables.

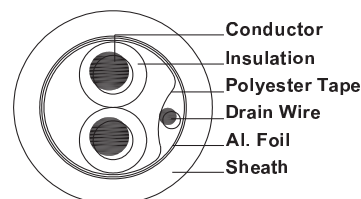
## Part No: MCP7041S

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 <sup>2</sup> )	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 <sup>2</sup> )	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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