



garland
cables

pro series

Industrial / Power / Data / Security / Fibre

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

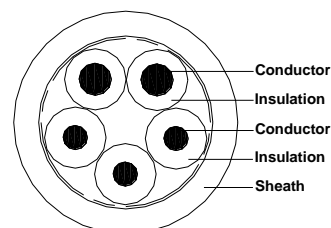
Part No: MC75GY

Description	Stranded 18AWG (7/0.4mm) PACW, 2 Cores, PVC Insulation, plus Stranded 21AWG (7/0.3mm) PACW, 3 Cores, PVC Insulation, PVC Sheath.
Applicable Standards	AS/CA S-008, BS4737-3.30, AS 1049
Suitable Applications	Use extensively for remote signalling circuits, broadcast systems, sound systems, intercom systems, audio systems, and instrumentation.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

18AWG x 2C

Conductor	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	18	7/0.4mm	0.88	1.2	PACW
Insulation	Cores : 2 Material : PVC Colour : Black, Red Nominal Thickness (mm) : 0.5 Nominal OD (mm) : 2.3				

21AWG x 3C

Conductor	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	21	7/0.3mm	0.5	0.9	PACW

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Insulation	Cores :	3
	Material :	PVC
	Colour :	Orange, White, Blue
	Nominal Thickness (mm) :	0.6
	Nominal OD (mm) :	2.3
Sheath	Material :	PVC
	Colour :	Grey
	Nominal Thickness (mm) :	0.6
	Nominal OD (mm) :	7.5

Electrical Properties

18AWG x 2C

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	21.2Ω/km
Min. Insulation Resistance @ 20°C	50MΩ.km
Voltage Test: Conductor to core	1.5 kV ac/1min

21AWG x 3C

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	38.4Ω/km
Min. Insulation Resistance @ 20°C	50MΩ.km
Voltage Test: Conductor to core	1.5 kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	228N
Min. Bend Radius (install)	75mm
Approximate Mass	7.8kg/100m

Sheath Printing

 GARLAND COMPOSITE SECURITY CABLE MC75 - 2
X 7/0.2 + 3 x 7/0.3 - MM/YYYY - "Mmark"

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Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
500m	Wooden Reel	W45 x H21.8cm	1R	20R

Document Change Record	Issue	Date	Prepared by	Approved By
	01	28-11-2012	YDM	Pent
Change History	Issue	Change		

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