



garland
cables

pro series

Industrial / Power / Data / Security / Fibre

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

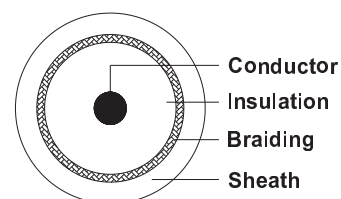
Part No: CC7659HF

Description	22AWG Stranded PACW, Foam Dielectric, 98% PACW Braiding, LSHF Sheath.
Applicable Standards	UL 444
Suitable Applications	For signal control & communication.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Stranding	Area(mm ²)	Diameter(mm)	Material
	22	7/0.25	0.35	0.77	PACW
Insulation	Material : Foam PE Nominal Thickness (mm) : 1.1 Nominal OD (mm) : 3.0				
Braiding	Material : PACW Coverage : 98%				
Sheath	Material : LSHF Colour : Black (RAL 9004) Nominal Thickness (mm) : 1.1 Nominal OD (mm) : 6.2				

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Sales Enquiries **1800 66 99 99**
www.madisontech.com.au/garland

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Physical Characteristics

Sheath :

Elongation at Break Before Aging >125%

Tensile Strength Before Aging >8MPa

Electrical Properties

Max. Conductor DC Resistance @ 20°C 55.0Ω/km

Nom. Capac. Conductor, to Shield @ 1 KHz 56±2pF/m

Characteristic Impedance 75±3Ω

Voltage Test : Conductor to shield 1.0kV ac/1min

Voltage Test : Core to sheath 1.0kV ac/1min

Voltage Test : Shield to sheath 1.0kV ac/1min

Max. Attenuation (dB /100m)	(MHz)	1	10	50	100	200	400	700	900	1000
	(dB)	1.39	4.42	9.93	14.1	20.1	28.6	38.2	43.6	46.0

Mechanical Properties

Operating Temperature Range -30 to 90°C

Max. Recommended Pulling Tension 162N

Min. Bend Radius (install) 62mm

Approximate Mass 6.1kg/100m

Sheath Printing GARLAND CC7659 STRANDED RG59 HALOGEN FREE (meter marking)

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 5"	4R	
500m	Wooden Reel	W39 x 21.8cm	1R	

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- 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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