



garland
cables

pro series

Industrial / Power / Data / Security / Fibre

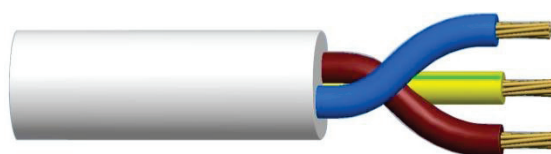
Garland's Pro Series range is the experts' choice for high quality cables.

Part No: OD332xx

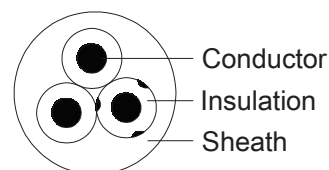
Power Cable

Description	1.0mmsq. Stranded PACW, 3Cores, V-90 PVC Insulation, 5V-90 PVC Sheath.
Applicable Standards	AS/NZS 1125, AS/NZS 3808, AS/NZS 3191
Suitable Applications	Power supply wire, suitable for indoor small electrical instrument, or general in portable tool.

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

Conductor	AWG	Standing	Area(mm ²)	Diameter(mm)	Material
	18	32/0.2	1.00	1.31	PACW
Insulation	Cores : 3 Material : V-90 PVC Colour : Blue, Brown, Yellow/Green Stripe Nominal Thickness (mm) : 0.6 Nominal OD (mm) : 2.5				
Sheath	Material : 5V-90PVC Colour : White & Grey Nominal Thickness (mm) : 0.8 Nominal OD (mm) : 7.2				

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Physical Characteristics

Insulation :	
Elongation at Break Before Aging	> 100%
Tensile Strength Before Aging	> 13MPa
Sheath :	
Elongation at Break Before Aging	> 100%
Tensile Strength Before Aging	> 12MPa

Electrical Properties

Max. Conductor DC Resistance @ 20°C	19.5Ω/km
Voltage Test: Core to Core	3.5kV ac/5min
Suggest Voltage Rating	250/440V

Mechanical Properties

Operating Temperature Range	-15 to 90°C
Min. Bend Radius (install)	65mm
Approximate Mass	8.5kg/100m
Sheath Printing	N/A

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
500m	Wooden Reel	W45 x 25.4cm	1R	

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