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cables

pro series

Industrial / Power / Data / Security / Fibre

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

Figure 8 Cable

## Part No: TCW24

Description	Stranded 19AWG PACW, Figure 8 construction, PVC Insulation.
Applicable Standards	AS/NZS 3191-2008, AS/NZS 1125-2001, AS/NZS 3808-2000
Suitable Applications	For the wiring of electronic and allied equipment, extension speakers, security system etc.

### Cable Construction Drawing

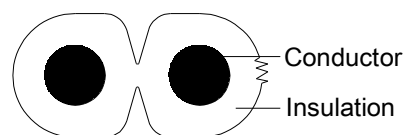


White insulation with Black stripe shown for illustration purposes only.

For complete range of colour combinations, please refer to packaging table at the end of this document.



### Cable Construction Relative Parts



Conductor  
Insulation

Cable Description					
Conductor	AWG	Stranding	Area(mm <sup>2</sup> )	Diameter(mm)	Material
	19	24/0.2	0.75	1.13	PACW
Insulation	Cores :	2			
	Material :	V-75 PVC			
	Colour :	Refer to Colour Table and Packaging Table.			
	Nominal Thickness :	0.75 mm			
	Nominal OD (mm) :	2.7 x 5.4			

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### Electrical Properties

Voltage Rating	250V/250V AC
Max. Conductor DC Resistance @ 20°C	≤ 26.0 Ω/km
Voltage Test: Conductor to Conductor	3.0 kVAC for 5 minutes on a 20 metre sample
Voltage Test: Conductors to Water	1.5 kVAC for 5 minutes on 20 metre sample

### Mechanical Properties

Operating Temperature Range	-15 to 70°C
Max. Recommended Pulling Tension	105N
Min. Bend Radius (install)	27mm
Flame Propagation	AS 1660.5.6
Approximate Mass	2.76kg/100m

### Packing Table

SKU	Jacket Colour <sup>1</sup>	Length Metres	Pack Type	Reels per Carton	Cartons per Pallet
TCW24BK100	Black	100	Plastic Spool	5	48
TCW24BK500	Black	500	Wooden Spool	1	54
TCW24BKWH100	Black/White	100	Plastic Spool	5	48
TCW24BKWH250	Black/White	250	Plastic Spool	2	48
TCW24BKWH500	Black/White	500	Wooden Spool	1	54
TCW24BLWH100	Blue/White	100	Plastic Spool	5	48
TCW24BLWH250	Blue/White	250	Plastic Spool	2	48
TCW24BLWH500	Blue/White	500	Wooden Spool	1	54
TCW24BN100	Brown	100	Plastic Spool	5	48
TCW24BN500	Brown	500	Wooden Spool	1	54
TCW24BNBK100	Brown/Black	100	Plastic Spool	5	48
TCW24BNBK250	Brown/Black	250	Plastic Spool	2	48
TCW24BNBK500	Brown/Black	500	Wooden Spool	1	54

<sup>1</sup> If two colours are given for the jacket colour, the first color is the main colour and the second color is the stripe color.

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SKU	Jacket Colour <sup>1</sup>	Length Metres	Pack Type	Reels per Carton	Cartons per Pallet
TCW24BNWH100	Brown/White	100	Plastic Spool	5	48
TCW24BNWH250	Brown/White	250	Plastic Spool	2	48
TCW24BNWH500	Brown/White	500	Wooden Spool	1	54
TCW24CL100	Clear	100	Plastic Spool	5	48
TCW24CL500	Clear	500	Wooden Spool	1	54
TCW24GY100	Grey	100	Plastic Spool	5	48
TCW24GY500	Grey	500	Wooden Spool	1	54
TCW24GYBK100	Grey/Black	100	Plastic Spool	5	48
TCW24GYBK1000	Grey/Black	1000	Wooden Spool	1	24
TCW24GYBK250	Grey/Black	250	Plastic Spool	2	48
TCW24GYBK500	Grey/Black	500	Wooden Spool	1	54
TCW24GYBL100	Grey/Blue	100	Plastic Spool	5	48
TCW24GYBL250	Grey/Blue	250	Plastic Spool	2	48
TCW24GYBL500	Grey/Blue	500	Wooden Spool	1	54
TCW2424GYWH100	Grey/White	100	Plastic Spool	5	48
TCW24GYWH250	Grey/White	250	Plastic Spool	2	48
TCW24GYWH500	Grey/White	500	Wooden Spool	1	54
TCW24OGWH100	Orange/White	100	Plastic Spool	5	48
TCW24OGWH250	Orange/White	250	Plastic Spool	2	48
TCW24OGWH500	Orange/White	500	Wooden Spool	1	54
TCW24RDBK100	Red/Black	100	Plastic Spool	5	48
TCW24RDBK1000	Red/Black	1000	Wooden Spool	1	24
TCW24RDBK250	Red/Black	250	Plastic Spool	2	48
TCW24RDBK500	Red/Black	500	Wooden Spool	1	54
TCW24RDWH100	Red/White	100	Plastic Spool	5	48
TCW24RDWH250	Red/White	250	Plastic Spool	2	48
TCW24RDWH500	Red/White	500	Wooden Spool	1	54
TCW24WH100	White	100	Plastic Spool	5	48
TCW24WH20	White	20	Plastic Spool	20	27

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SKU	Jacket Colour <sup>1</sup>	Length Metres	Pack Type	Reels per Carton	Cartons per Pallet
TCW24WH30	White	30	Plastic Spool	20	27
TCW24WH500	White	500	Wooden Spool	1	54
TCW24WHBK100	White/Black	100	Plastic Spool	5	48
TCW24WHBK1000	White/Black	1000	Wooden Spool	1	24
TCW24WHBK250	White/Black	250	Plastic Spool	2	48
TCW24WHBK500	White/Black	500	Wooden Spool	1	54

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