

# Security Cable

**Part No:** MC146WH

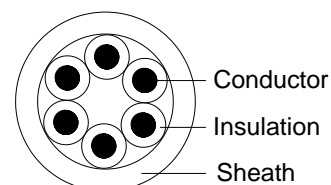
**Description** Stranded 21AWG PACW, 6 Cores, PVC Insulation, PVC Sheath.

**Applicable Standards** AS/CA S-008, BS4737-3.30, AS 1049

**Suitable Applications** For inter-connecting wiring, suitable for use in Security/Intruded Alarm system; Use in low voltage/low current applications such as intercommunication.

Not suitable for mains connection.

## Images



See packing table for full details of jacket colour options.  
Image for illustration purposes only.



## Construction

<b>Conductor</b>	Material	Plain Annealed Copper Wire	
	Size	21 AWG	
	Stranding	14/0.20mm <sup>1</sup>	
	<b>Insulation</b>	Cores	6
		Material	PVC
		Colour	White, Blue, Red, Black, Yellow, Green
		Nominal Thickness (mm)	0.3
		Nominal OD (mm)	1.5
	<b>Sheath</b>	Material	PVC
		Colour	Refer to Packing Table
		Nominal Thickness (mm)	0.65
		Nominal OD (mm)	6.1

<sup>1</sup> Actual strand size may vary from the nominal value in order to meet the DCR requirements of AS/CA S-008

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Electrical Properties	<b>Voltage Rating</b>	ELV
	<b>Max. Conductor DC Resistance @ 20°C</b>	45.2 $\Omega$ /km
	<b>Min. Insulation Resistance @ 20°C</b>	50 M $\Omega$ .km
	<b>Voltage Test: Core to core</b>	1.5kV dc for 1 min
	<b>Voltage Test: Core to Sheath</b>	3.0kV dc for 1 min

Mechanical Properties	<b>Operating Temperature Range</b>	-15 to 70°C
	<b>Max. Recommended Pulling Tension</b>	166N
	<b>Min. Bend Radius (install)</b>	65 mm
	<b>Approximate Mass</b>	5.5 kg/100m

Supply Details	Part Number	Pack Size	Jacket Colour	Pack Type	Qty per Carton
	MC146WH100	100m	White	Reel	4
	MC146WH250B	250m	White	Box	1
	MC146WH500	500m	White	Reel	N/A

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances