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Security Cable

Part No: **MC147S**

Description	Stranded 21AWG PACW, 7Cores, PVC Insulation, Aluminium Polyester Tape Overall Screen, Stranded 24AWG TACW Drain Wire, PVC Sheath.
Applicable Standards	AS/ACIF S008, BS4737-3.30
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.

Cable Construction Drawing
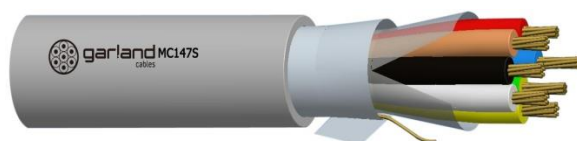
Cable Construction Relative Parts

- Conductor
- Insulation
- Polyester Tape
- Drain Wire
- Al. Foil
- Sheath
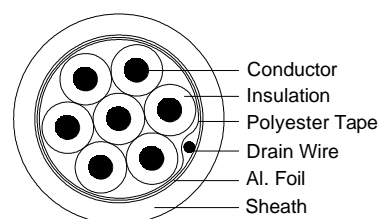
Cable Description

Conductor	AWG	Stranding	Area(mm^2)	Diameter(mm)	Material
	21	14/0.2	0.44	0.87	PACW

Insulation	Cores :	7
	Material :	PVC
	Colour :	White, Blue, Red, Black, Yellow, Green, Brown
	Nominal Thickness (mm) : 0.3	
	Nominal OD (mm) :	1.5

Screen	Material : Al. Polyester Tape	Coverage : 100%

Drain Wire	AWG	Stranding	Area(mm^2)	Diameter(mm)	Material
	24	7/0.2	0.22	0.6	PACW

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Sheath	Material :	PVC
	Colour :	Grey
	Nominal Thickness (mm) :	0.7
	Nominal OD (mm) :	6.6

Electrical Properties

Voltage Rating	ELV
Max. Conductor DC Resistance @ 20°C	45.2Ω/km
Min. Insulation Resistance @ 20°C	50MΩ.km
Voltage Test: Conductor to core	1.5 kV ac/1min
Voltage Test: Core to sheath	3.0 kV ac/1min

Mechanical Properties

Operating Temperature Range	-15 to 70℃
Max. Recommended Pulling Tension	215N
Min. Bend Radius (install)	65.5mm
Approximate Mass	7.0kg/100m
Sheath Printing	GARLAND SECURITY CABLE MC147S - 7 X 14/0.20 22AWG OAS - MM/YYYY - "Mmark"

Supply Information

Pack Size	Pack Type	Dimensions	Qty Per Carton	Cartons Per Pallet
100m	Plastic Reel	10 x 4.5 x 5"	2R	
500m	Wooden Reel	W39 x 21.8cm	1R	

- 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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