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pro series

Industrial / Power / Data / Security / Fibre

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Security Cable

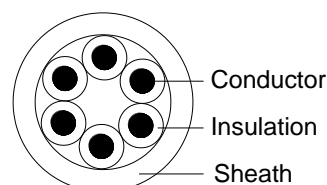
Part No: MC146GY

| | |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Stranded 21 AWG (7/0.2mm) PACW, 6Cores, 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. |

Cable Construction Drawing



Cable Construction Relative Parts



Cable Description

| Conductor | AWG | Stranding | Area(mm ²) | Diameter(mm) | Material |
|------------|-------------------------------------------------|-----------|------------------------------|--------------|----------|
| | 21 | 14/0.2 | 0.44 | 0.87 | PACW |
| Insulation | Cores : 6 | | Material : PVC | | |
| | Colour : White, Blue, Red, Black, Yellow, Green | | Nominal Thickness (mm) : 0.3 | | |
| | Nominal OD (mm) : 1.5 | | | | |
| Sheath | Material : PVC | | Colour : Grey (RAL 7046) | | |
| | Nominal Thickness (mm) : 0.65 | | Nominal OD (mm) : 6.1 | | |

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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°C |
| Max. Recommended Pulling Tension | 166N |
| Min. Bend Radius (install) | 61mm |
| Approximate Mass | 5.47kg/100m |

Sheath Printing  GARLAND SECURITY CABLE MC146 - 6 x 14/0.2
22AWG - MM/YYYY - "Mmark"

Supply Information

| Pack Size | Pack Type | Dimensions | Qty Per Carton | Cartons Per Pallet |
|-----------|--------------|-----------------|----------------|--------------------|
| 100m | Plastic Reel | 10 x 4.5 x 4.5" | 4R | |

| Document Change Record | Issue | Date | Prepared by | Approved By |
|------------------------|-------|------------|-------------|-------------|
| | 01 | 24-11-2012 | LLS | Pent |
| Change History | Issue | Change | | |
| | | | | |

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