

Security Cable

Part No: GCC2211-0387

| | |
|------------------------------|--|
| Description | 24AWG Stranded PACW, 6 Cores, LSHF Insulation, Filler, Al. Polyester Tape Overall Screen, TACW 24AWG Drain Wire, LSHF Sheath. |
| Applicable Standards | AS/NZS 1125, AS/NZS 3808, IEC 60332-1-2, IEC 60332-1-3, IEC 60754-2, IEC 61034-2, IEC 60332-3-22(Class A) |
| 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

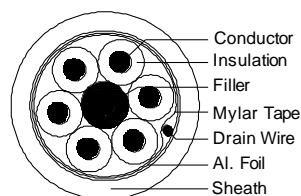


Image for Illustration purposes only



Construction

| | | |
|-------------------|------------------------|--|
| Conductor | Material | PACW |
| | Size | 24 AWG |
| | Stranding | 7/0.2 |
| | Area | 0.22 mm ² |
| | Diameter | 0.6 mm |
| Insulation | Cores | 6 |
| | Material | LSHF |
| | Colour | Red, Blue, Green, Yellow, White, Black |
| | Nominal Thickness (mm) | 0.28 |
| | Nominal OD (mm) | 1.2 |
| Filler | Material | LSHF |

Security Cable

| | | |
|----------------|------------------------|---------------------------|
| Filler | Material | Mylar Tape, 100% Coverage |
| | Material | TACW |
| | Size | 24AWG |
| | Stranding | 7/0.2mm |
| Overall Screen | Material | Al. Foil, 100% Coverage |
| Sheath | Material | LSHF |
| | Colour | White |
| | Nominal Thickness (mm) | 1.5 |
| | Nominal OD (mm) | 6.8 |

Electrical Properties

| | |
|------------------------------------|---------------|
| Rated Voltage | ELV |
| Max. Conductor DC Resistance @20°C | 95.3Ω/km |
| Min. Insulation Resistance @ 20°C | 1000M Ω.km |
| Voltage Test: Conductor to core | 1.5kV ac/1min |
| Voltage Test: Conductor to Shield | 500V ac/1min |

Mechanical Properties

| | |
|----------------------------------|-------------|
| Operating Temperature Range | -25 to 90°C |
| Max. Recommended Pulling Tension | 107N |
| Min. Bend Radius (install) | 41mm |
| Approximate Mass | 6.5kg/100m |
| Sheath Printing | TBA |

Fire and Flame Performance Properties

| | |
|---------------------------------|----------------------------|
| Single cable flame propagation | IEC 60332-1 |
| Bunched cable flame propagation | IEC 60332-3-22 (Class A) |
| Acid gas generation | IEC 60754-1 and 2 |
| | HCL content ≤ 5mg/g (0.5%) |
| | pH ≥ 4.3 |
| Light Transmittance | Conductivity ≤10μS/mm |
| | IEC 61034-1 |
| | ≥ 60% |

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pro series

Security Cable

AS4507 Classification

RHE-3 based on IEC tests¹

Supply Information

| Product No | Pack Type | Pack Size | Dimensions | Qty Per Carton | Cartons Per Pallet |
|-------------------|--------------|-----------|---------------|----------------|--------------------|
| GCC2211-0387WH100 | Plastic Reel | 100m | W25.4 x H18cm | TBA | TBA |
| GCC2211-0387WH300 | Wooden Reel | 300m | W36 x H21.8cm | TBA | TBA |
| GCC2211-0387WH500 | Wooden Reel | 500m | W48 x H21.8cm | TBA | TBA |

Change Record

| Issue | Date | Prepared By | Approved By |
|-------|------------|-------------|-------------|
| 02 | 10-11-2022 | GK | |
| 01 | 09-11-2022 | YDM | LQM |

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

¹ Note that AS 4507 refers to AS/NZS 1660 for test methods and limits. This range of standards has been obsolete and superseded by IEC equivalents. The RHE rating listed in this datasheet is based on meeting the requirements of the superseding IEC standard, not the original AS 1660 standard

