

Multicore Cable

Part No: MCC51VTRAFFICUV

Description 10mmsq Stranded PACW, 2 Cores, V-75 PVC Insulation, 4mmsq Stranded PACW, 1 Core, V-75 PVC Insulation, 1.5mmsq Stranded PACW, 48 Cores, V-75 PVC Insulation, Polyester Tape, 4V-75 PVC Sheath.

Applicable Standards AS 2276.1, AS/NZS 3808

Suitable Applications The interconnect of the traffic posts and/or the associated traffic signaling and control equipment.

Images

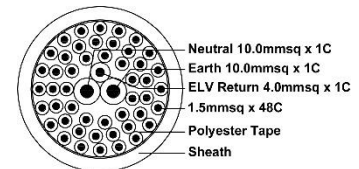


Image for illustration purposes only.



Construction

10mmsq x 2C

| | | | |
|------------------|-------------------|------------------------|----------------------------|
| Conductor | Material | PACW | |
| | Size | 8 AWG | |
| | Stranding | 7/1.35mm | |
| | Area | 10 mm ² | |
| | Diameter | 4 mm | |
| | Insulation | Cores | 2 |
| | | Material | V-75 PVC |
| | | Colour | Black, Yellow/Green Stripe |
| | | Nominal Thickness (mm) | 1.0 |
| | | Nominal OD (mm) | 6.2 |
| | | | |

Multicore Cable

| ELV Return 4mmsq x 1C | | | |
|-----------------------|-------------------|------------------------|-------------------|
| Construction | Conductor | Material | PACW |
| | | Size | 12 AWG |
| | | Stranding | 7/0.85 mm |
| | | Area | 4 mm ² |
| | | Diameter | 2.5 mm |
| | Insulation | Cores | 1 |
| | | Material | V-75 PVC |
| | | Colour | Grey |
| | | Nominal Thickness (mm) | 1.0 |
| | | Nominal OD (mm) | 4.6 |

| 1.5mmsq x 48C | | | |
|------------------------|-------------------|------------------------|--|
| Construction | Conductor | Material | PACW |
| | | Size | 16 AWG |
| | | Stranding | 7/0.5mm |
| | | Area | 1.5 mm ² |
| | | Diameter | 1.5 mm |
| | Insulation | Cores | 48 |
| | | Material | V-75 PVC |
| | | Colour | White (printing with black numbering "1"~"48") |
| | | Nominal Thickness (mm) | 0.8 |
| | | Nominal OD (mm) | 3.1 |
| | Assembly | | |
| | Filler | Material | Polyester Tape |
| | | Coverage | 100% |
| | Sheath | Material | 4V-75 PVC (UV Resistant) |
| | | Colour | Orange (Pantone 170) |
| Nominal Thickness (mm) | | 2.0 | |
| Nominal OD (mm) | | 35.0 | |

Multicore Cable

| | | |
|------------------------|-------------------------------------|---------------|
| Electrical Properties | Neutral 10mmsq x 2C | |
| | Max. Conductor DC Resistance @ 20°C | 1.83Ω/km |
| | ELV Return 4mmsq x 1C | |
| | Max. Conductor DC Resistance @ 20°C | 4.61Ω/km |
| | ELV Return 4mmsq x 1C | |
| | Max. Conductor DC Resistance @ 20°C | 13.6Ω/km |
| | Shared Properties | |
| | Voltage Test: Core to Core | 3.5kV ac/5min |
| | Spark Test during Manufacture | 6kV a.c |
| Suggest Voltage Rating | 0.6/1kV | |

| | | |
|---|----------------------------------|-------------|
| Mechanical Properties | Operating Temperature Range | -15 to 75°C |
| | Max. Recommended Pulling Tension | 5414N |
| | Min. Bend Radius | 350 mm |
| | Approximate Mass | 170kg/100 m |
| | Sheath Printing | |
| GARLAND MCC51VTRAFFICUV yom ELECTRIC CABLE V-75 PVC/PVC 51 CORE 0.6/1KV - "Mmark" | | |

| Supply Information | Pack Type | Pack Size | Dimensions | Qty Per Carton | Cartons Per Pallet |
|--------------------|-------------|-----------|---------------|----------------|--------------------|
| | Wooden Reel | 400 m | W115 x H84 cm | 1R | 1R |

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values are nominal unless otherwise stated.
- Values in completed cable may vary from nominal.
- All values subject to factory tolerances