



garland
cables

pro series

Industrial / Power / Data / Security / Fibre

Garland's Pro Series range is the experts' choice for high quality cables.

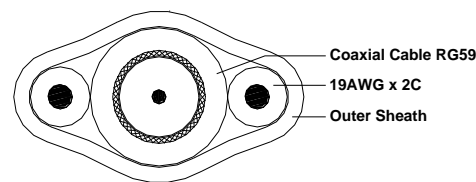
Part No: CCTVCOM24

| | |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | Composite cable consisting of : |
| | <ul style="list-style-type: none"> 1 Coax, 23AWG PACW, Solid Dielectric, 84% PACW Braiding, PVC Inner Sheath. 2 Cores, 19AWG Stranded PACW, 2Core PVC Insulation, Overall Jacketted with a PVC Outer Sheath. |
| Suitable Applications | For networking & low voltage power connection. |

Cable Construction Drawing



Cable Construction Relative Parts



Coaxial Cable

Cable Description

Coaxial Cable RG59

| Conductor | AWG | Standing | Area(mm ²) | Diameter(mm) | Material |
|------------|-------------------------------------------------------------------------------------------|----------|------------------------|--------------|----------|
| | 23 | 1/0.60 | 0.29 | 0.6 | PACW |
| Insulation | Material : Solid PE Nominal Thickness (mm) : 1.5 Nominal OD (mm) : 3.7 | | | | |
| Braiding | Material : PACW | | Coverage : 84% | | |
| Jacket | Material : PVC Colour : Black Nominal Thickness (mm) : 0.9 Nominal OD (mm) : 6.2 | | | | |

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Power Cable TCW24

| Conductor | AWG | Standing | Area(mm ²) | Diameter(mm) | Material |
|------------|-------------------------------------------------------------------------------------------------|----------|------------------------|--------------|----------|
| | 19 | 24/0.20 | 0.75 | 1.13 | PACW |
| Insulation | Material : PVC Colour : Black, Red Nominal Thickness (mm) : 0.75 Nominal OD (mm) : 2.7 | | | | |

Outer Sheath

| | | | | | |
|--|---------------------------------------------------------------------------------------------------|--|--|--|--|
| | Material : PVC Colour : Black Nominal Thickness (mm) : 0.65 Nominal OD (mm) : 7.8 x 13.0 | | | | |
|--|---------------------------------------------------------------------------------------------------|--|--|--|--|

Electrical Properties

Coaxial Cable RG59

| | |
|------------------------------------------|---------------|
| Max. Conductor DC Resistance @ 20°C | 62.0 Ω/km |
| Nom. Capac. Conductor. to Shield @ 1 KHz | 67±2pF/m |
| Characteristic Impedance | 75±3Ω |
| Voltage Test : Conductor to shield | 1.0kV ac/1min |
| Voltage Test : Core to sheath | 1.0kV ac/1min |
| Voltage Test : Shield to sheath | 1.0kV ac/1min |

| Max. Attenuation (dB /100m) | (MHz) | 1 | 10 | 50 | 100 | 200 | 400 | 700 | 900 | 1000 |
|-----------------------------|-------|-----|-----|-----|------|------|------|------|------|------|
| | (dB) | 2.0 | 3.7 | 8.3 | 11.5 | 16.5 | 23.7 | 32.5 | 37.2 | 40.2 |

Power Cores

| | |
|-------------------------------------|-----------|
| Max. Conductor DC Resistance @ 20°C | 27.5 Ω/km |
|-------------------------------------|-----------|

Mechanical Properties

| | |
|----------------------------------|-------------|
| Operating Temperature Range | -15 to 70°C |
| Max. Recommended Pulling Tension | 275N |
| Min. Bend Radius (install) | 80mm |
| Approximate Mass | 12.5kg/100m |

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Supply Information

| Pack Size | Pack Type | Dimensions | Qty Per Carton | Cartons Per Pallet |
|-----------|-------------|--------------|----------------|--------------------|
| 100m | Wooden Reel | W30 x 21.8cm | 1R | |
| 250m | Wooden Reel | W39 x 27.4cm | 1R | |
| 300m | Wooden Reel | W45 x 39.4cm | 1R | |
| 500m | Wooden Reel | W54 x 39.4cm | 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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