

Coaxial Cable

RG6

pro-POWER

RoHS
Compliant



Product Description:

| | |
|--------------------|--|
| Application | For communication and signal control systems |
| Reference Standard | Customer's sample spec. and the general standard |
| Multi-Construction | 1 |

Cable Construction:

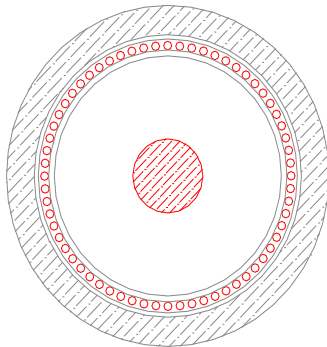
| | |
|-------------------------|--|
| Conductor | Copper Clad Steel |
| Construction | 1.02 |
| Stranded Dia.(±0.02mm) | 1.02 |
| Insulation | Gas Injection Foam PE |
| Thickness | 1.75 |
| Insulation Dia.(±0.1mm) | 4.57 |
| Insulation Colour | Nature |
| Bond Al-Pet Shield | ≥120% |
| Braiding | Aluminium Wire |
| Construction (Stranded) | 0.12 ±0.008 × 16 × 5 |
| Braiding Coverage | 60% |
| Al-Pet Shield | ≥120% |
| Over Screen Dia.(mm) | 5.2 ±0.2 |
| Jacket | PVC |
| Thickness(mm) | ≥0.7 |
| Dia. (±0.3mm) | 7.06 |
| Jacket Colour | White |
| Packaging | 500m / Wooden Drum |
| Print Legend | RG Cable UK RG 6 T60C 75Ω PVC Coaxial Cable [WKYR] [MeterMark] |
| Printed Every Meter | |

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Design:



Electrical Characteristics:

| | |
|---|------------|
| Max. Conductor DC Resistance at 20°C (Ω/Km) | <23.2 |
| Min. Insulation DC Resistance at 20°C ($\text{M}\Omega \times \text{Km}$) | >500 |
| Rated Temperature(°C) | -30 to +75 |
| Rated Voltage(V) | 30 |
| Capacitance(pF/m) | 53 \pm 3 |
| Velocity Ratio | 83% |
| Impedance(Ω) | 75 \pm 3 |
| Attenuation at 20°C (dB/100m) (+/-10%) | |
| 50MHz | 5.1 |
| 100MHz | 7 |
| 230MHz | 10.2 |
| 300MHz | 11.6 |
| 470MHz | 14.7 |
| 600MHz | 16.7 |
| 860MHz | 20 |
| 1,000MHz | 21.5 |
| Return Loss (dB) | |
| 5 - 862MHz | 20 |
| 862 - 2,150MHz | 18 |
| Screening Efficiency (dB) | 85 |

Part Number Table

| Description | Part Number |
|---------------------------------------|-------------|
| Cable, Coaxial, 100m, White, RG6, PVC | PP000830 |

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