

Datasheet

RS Coaxial Cable, Black LSF Sheath, 100m, RG59B/U, 6.1mm OD

Stock number: 665-5889



Part NO: RGW-837

Product Code: RG59 LSF

Product Description

Application:

For communication and signal control systems.

Reference Standard

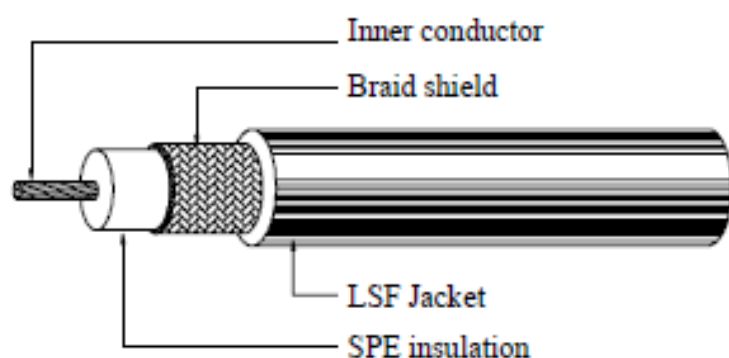
Customer's sample spec.and the general standard

Multi-construction

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Cable Construction

| Conductor | Copper Clad Steel |
|---|-------------------------------------|
| Conductivity | 30% |
| Construction | 0.58 |
| Stranded Dia. ($\pm 0.01\text{mm}$) | 0.58 |
| Insulation Layer | Solid PE |
| Thickness(mm) | 1.560 |
| Insulation Dia. ($\pm 0.15\text{mm}$) | 3.70 |
| Insulation Color | Natural |
| Braiding(mm) | Bare Copper |
| Construction | $0.11 \pm 0.008 \times 16 \times 7$ |
| Braid Coverage(%) | 80% |
| Jacket | LSF |
| Thickness(mm) | 0.65 |
| Dia. ($\pm 0.15\text{mm}$) | 6.10 |
| Jacket Color | Black |



Electrical Characteristics

| | |
|--|------------|
| Max.Conductor DC Resistance at 20 °C (Ω /Km) | <239 |
| Min.Insulation DC Resistance at 20 °C ($M\Omega$ *KM) | >1000 |
| Operating Temperature(°C) | -20 to +80 |
| Rated Voltage(V) | 30 |
| Capacitance(pF/m) | 67 |
| Velocity ratio (%) | 66% |
| Impedance(Ω) | 75 |
| Jacket Strippability(The sheath from the cable 4cm) | 5-15N |
| Attenuation at 20 °C (-dB/100m)(+/-8%) | |
| 50 MHz | 7.70 |
| 100 MHz | 11.00 |
| 200 MHz | 15.90 |
| 400 MHz | 23.10 |
| 800 MHz | 34.20 |
| 1000 MHz | 38.90 |