

RG6 STANDARD SHIELD 18 AWG COAXIAL CABLE



DESCRIPTION

RG6 Standard Shield,
18 AWG Solid CCS Conductor,
Aluminum Foil with 60% Braid.

APPLICATION

- Digital HDTV Applications
- Digital Satellite Installations
- CATV
- Suitable for Indoor Applications



107-1234BK6S1BX

CONSTRUCTION

| | |
|-----------------------|--------------|
| Conductor count: | 1 |
| Shape: | Round |
| Braid: | 60% Aluminum |
| Aluminum Foil: | Yes |
| Aluminum Foil Shield: | Bonded |

CONDUCTORS

| | |
|----------------------|-----------------------------|
| Material: | Copper Clad Steel |
| Trade size: | 18 AWG |
| Insulation material: | Dielectric Foam PE |
| Insulation O.D.: | 0.18 in. (4.57 +/- 0.10 mm) |
| Insulation color: | White |

JACKET

| | |
|-----------|---|
| Material: | Polyvinyl Chloride (PVC) |
| Color: | Black |
| O.D.: | 0.27 in. (6.90 mm) |
| Marking: | c(ETL)us 4002107 CM RG6 18AWG 60% 3.0GHz CMG FT4 CATV/CL2 RoHS V2094P13453 XXXXFT |

MECHANICAL

| | |
|--------------------------|------------------------|
| Temperature rating: | -20 ~ 75° C |
| Sparker Test: | 3000 VAC |
| Impedance: | 75 Ohm |
| Capacitance: | 52 pF/m |
| Velocity of Propagation: | 85% |
| Return Loss: | 23 dB Min (5-2300 MHz) |
| Bending Radius MINI.: | 69 mm |

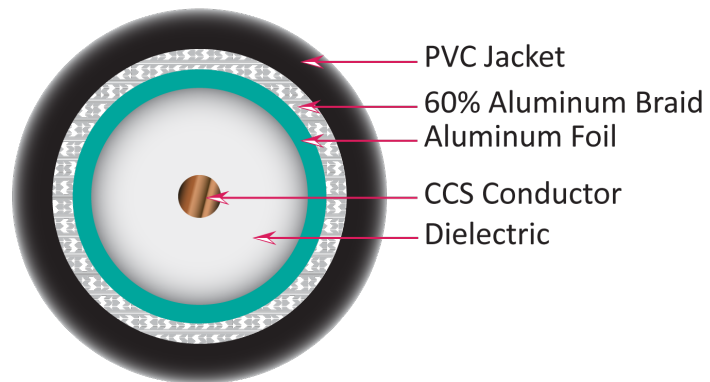
SAFETY

| | |
|------------------------|-----------|
| NFPA 70 (NEC®) rating: | CL2 |
| Voltage rating: | 300 V RMS |

PACKED WEIGHT

| | |
|------------------|-----------------|
| 107-1234BK6S1BX: | 30 lb (13.6 kg) |
|------------------|-----------------|

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VERTICAL CABLE

951.696.7772 California
800.749.2447 Florida
845.391.8318 New York
713.322.7242 Texas



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PHYSICAL DIMENSIONS

| | |
|-------------------|----------------------|
| Center Conductor: | 1.02 +/- 0.01 mm CCS |
| Dielectric: | 4.57 +/- 0.10 mm FPE |
| Shielding: | Bonded Al/PET Foil |
| Braiding: | 5x16 +/- 0.12 mm AL |
| Jacket: | 6.90 +/- 0.10 mm PVC |

MECHANICAL PROPERTIES

| | |
|-------------------------|-------------|
| Installing Temperature: | 0 ~ 60 °C |
| Operating Temperature: | -20 ~ 75 °C |

| | | |
|--------------------------------------|-----------------------|-----------------------|
| Nominal Impedance(Ω) | | 75±3 |
| Nominal Capacitance(pF/m) | | 52±3 |
| Velocity of Propagation(%) | | 85 |
| SRL(dB) | 5-1000MHz | ≥20 |
| | 1001-3000MHz | ≥15 |
| Attenuation [@68°F(20°C)] | Frequency(MHz) | (dB/100m) ± 5% |
| | 5 | 2.66 |
| | 55 | 5.25 |
| | 211 | 10.00 |
| | 250 | 10.82 |
| | 270 | 11.04 |
| | 300 | 11.64 |
| | 330 | 12.26 |
| | 350 | 12.63 |
| | 400 | 13.61 |
| | 450 | 14.43 |
| | 500 | 15.29 |
| | 550 | 16.08 |
| | 600 | 16.73 |
| | 750 | 18.54 |
| | 870 | 20.04 |
| | 1000 | 21.49 |
| | 1200 | 23.50 |
| 1450 | 25.79 | |
| 1750 | 28.61 | |
| 2000 | 30.58 | |
| 3000 | 38.50 | |

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