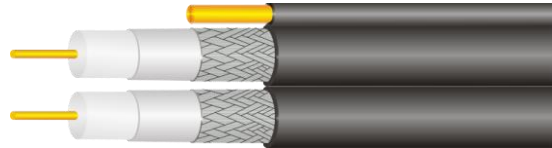




**RG6 Dual Coaxial Cable, Black or White,
Solid Copper Center Conductors**

Part Number: 10-DRG6CSG-BV

**Worldtec Distributing Corp.
75 Ohm Coaxial Cable, 3 GHz**



| Construction | Material | Diameter (mm) (inches) | |
|------------------|---|------------------------|--------------|
| Inner Conductors | Solid, Hard Drawn, Bare Copper | 1.02 | 0.04 |
| Dielectric | Foam Polyethylene * | 4.57 | 0.180 |
| First Shield | Aluminum/Polymer/Aluminum (APA) bonded | 4.75 | 0.187 |
| Second Shield | 34 AWG Aluminum Wire Braid - 60% Coverage | 0.160 | 0.006 |
| Jacket | ETL CM Grade PVC available in Black or White: (10-DRG6CSG-WV) | 6.93 ±0.2 | 0.272 ±0.008 |
| Ground | 17 AWG Hard Drawn Copper Clad Steel (CCS) | 1.15 | 0.045 |

* Proprietary, clean-stripping, closed cell foamed polymer dielectric to block moisture migration.

Electrical Characteristics

| | | | |
|----------------------------|---------------|---|--------|
| Impedance | 75 ± 3.0 Ohms | Conductor DC Resistance @ 68° F (20° C) | |
| Velocity of Propagation | 83% (nominal) | Ohms / 1000' | |
| Capacitance | 16.0 pF/ft. | Inner Conductor | <6.56 |
| Return Loss (5 - 3000 MHz) | ≥ 20 dB | Outer Conductor | <10.0 |
| | | Loop (IC + OC) | <16.56 |

Attenuation (maximum @ 20° C / 68° F)

| (MHz) | Max (db/100ft) | Max (db/100m) |
|-------|----------------|---------------|
| 5 | 0.58 | 1.90 |
| 55 | 1.50 | 4.92 |
| 100 | 2.00 | 6.56 |
| 211 | 2.87 | 9.41 |
| 500 | 4.51 | 14.79 |
| 750 | 5.62 | 18.43 |
| 870 | 6.09 | 19.98 |
| 1000 | 6.54 | 21.45 |
| 1450 | 7.89 | 25.88 |
| 1750 | 8.74 | 28.67 |
| 1850 | 8.99 | 29.49 |
| 2000 | 9.34 | 30.64 |
| 2250 | 9.91 | 32.50 |
| 2500 | 10.96 | 34.24 |
| 2700 | 11.44 | 35.59 |
| 3000 | 11.96 | 37.52 |

Shipping Weight

Approx. 34 lbs./ 500 ft. Shipping weight varies according to selected packaging

Cable Length / Reel

Available in 500' and 1,000'

Operating & Storage Temp.

-40° C (-40° F) min., +70° C (158° F) max.

Packaging

Available in bulk spools according to your specifications, Reel-in-a-Box: 1000' and 500'. Also may be custom packaged
Reel-for-Bag: 500' and 1,000'

Compliant with ANSI / SCTE 74;
Specification for Braided 75 Ohm Flexible
RF Coaxial Drop Cable



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