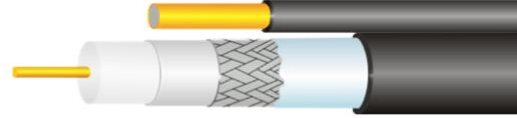


**RG6 Single Flooded Coaxial Cable,  
Black, Solid Copper Center Conductor**

**Part Number: 10-RG6CSFG-BE**

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



Construction	Material	Diameter (mm) (inches)	
Inner Conductor	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
Flood Compound	Amorphous Polypropylene Drop (APD)		
Jacket	Black Polyethylene (also available in Orange: 10-RG6CSFG-OE)	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
Return Loss (5 - 3000 MHz)	≥ 20 dB	Outer Conductor
		Loop (IC + OC)

**Attenuation (maximum @ 20° C / 68° F)**

(MHz)	Max (db/100ft)	Max (db/100m)
5	0.57	1.87
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. 36 lbs./ 1000 ft. Shipping weight varies according to selected packaging

**Cable Length / Reel**

Available in 500' and 1,000'

**Operating & Storage Temp.**

-70° C (-94° 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

