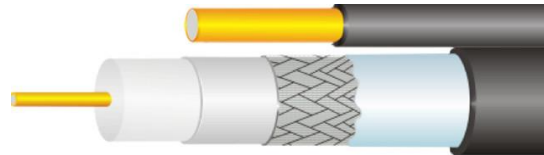




**RG6 CCS Single with Ground - Flooded**

**Part Number: 10-RG6SFG**

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



Construction	Material	Diameter (mm) (inches)	
Inner Conductor	Hard Drawn Copper Clad Steel (CCS)	1.02	0.04
Dielectric	Foam Polyethylene	4.57	0.180
First Shield	Aluminum/Polymer/Aluminum (APA) bonded	4.75	0.188
Second Shield	34AWG Aluminum Wire Braid - 60% Coverage	0.160	0.006
Flood compound	Amorphous Polypropylene Drop (APD)		
Jacket	Black Polyethylene	6.93 ±0.2	0.272
Ground	17AWG Hard Drawn CCS	1.15	0.045

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

**Electrical Characteristics**

Impedance	75 ± 3.0 Ohms
Velocity of Propagation	83% (nominal)
Capacitance	52 ± 3 pF/m

Compliant with ANSI / SCTE 74 specifications for braided 75 ohm flexible RF coaxial drop cables.

**Attenuation (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	10.44	34.24
2700	11.10	36.40
3000	11.89	38.99



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