

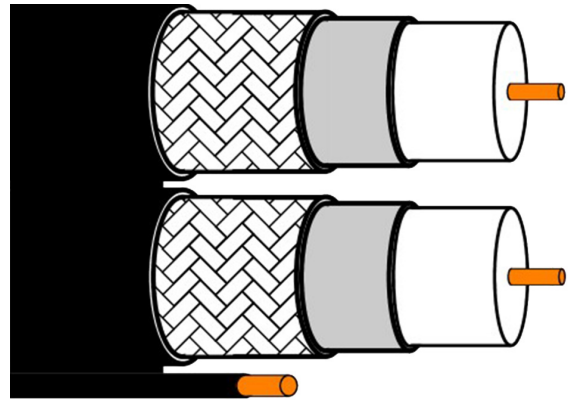
RG6U-BLK-DUAL-GND-500BC

Dual RG-6 Coaxial Cable with Attached Grounding Wire, Swept tested to 3000 MHz

Introducing our Dual RG-6 Coaxial Cable with Attached Grounding Wire, designed for superior signal integrity and enhanced safety. This cable features a bare copper center for optimal conductivity, ensuring reliable transmission quality of digital RF signals for your needs. Swept tested to an impressive 3000 MHz, it guarantees high-performance connectivity for satellite systems, QAM RF distribution and broadband internet. The attached grounding wire provides additional protection against electrical interference and ensures compliance with safety standards. Trust in our dual coaxial cable to deliver unparalleled performance and peace of mind for your system.

Physical Dimensions

Nominal Center Conductor Diameter	1.02±0.01 mm
Nominal Diameter Over Dielectric	4.57± 0.01 mm
Nominal Diameter Over Jacket	6.85±0.15 mm
Nominal Diameter Of CCS Messenger	1.15±0.01 mm
Aluminum Foil (EAA) Overlap	18%
Nominal Braiding Coverage	60%
Braiding Wire Count	80
Jacket Material	PVC
Jacket Colors	Black



Electrical Performance

Center Conductor DC Resistance	22 Ohms/km @68°F (20°C)
Shield DC Resistance	43 Ohms/km @68°F (20°C)
Nominal Impedance	75±3 Ohms
Nominal Velocity of Propagation	83%
Nominal Delay	1.22 Ns/Ft
Capacitance	16.2 PF/Ft ± 1.0 PF/Ft
Swept Tester	5-3000 MHz
UL	CATV/CM
Footage Markers	Every 2 FT
Return Loss	5-1000 MHz > 20dB 1001-3000 MHz >15dB
Application	Indoor & Outdoor Use
Operating Temperature	-40 - 167°F (-40 - 75°C)

Ordering Information

Model Number	Jacket Color	Size/Type
RG6U-BLK-DUAL-GND-500BC	Black	500'/Reel-in Box

Attenuation at 100 ft.

Frequency (MHz)	Attenuation (dB)
5 MHz	0.51 - 0.57 dB
55 MHz	1.45 - 1.60 dB
211 MHz	2.78 - 2.87 dB
600 MHz	4.88 - 4.98 dB
750 MHz	5.51 - 5.62 dB
1000 MHz	6.30 - 6.54 dB
1450 MHz	7.84 - 8.00 dB
1750 MHz	8.61 - 8.74 dB
2050 MHz	9.40 - 9.46 dB
2250 MHz	9.78 - 10.00 dB
3000 MHz	11.30 - 11.90 dB