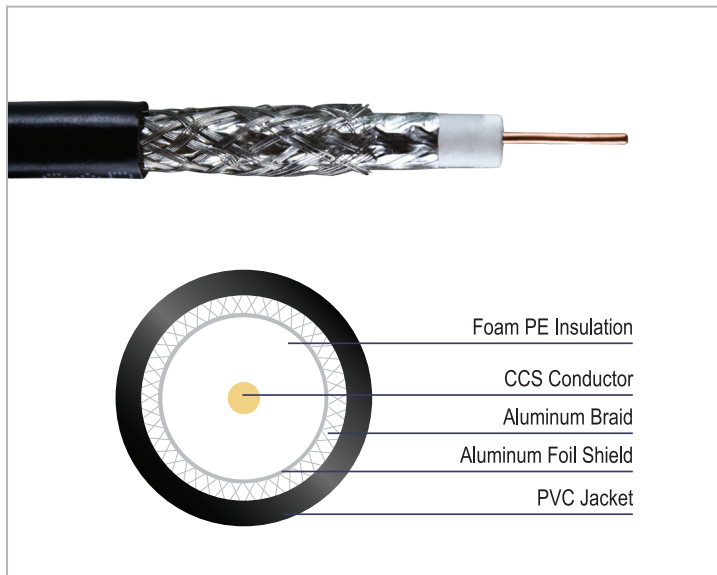




RG6 CM Dual-Shield CCS Coaxial Cable



Applications

Vericom RG6 dual shield CCS coaxial cable supports RF, Satellite, CATV, CCTV and broadband modems and is suitable for general single-story commercial building or residential applications.

Description / Specifications

These RG-6 coaxial cables come in 1,000 ft with an insulated central conductor and are perfect for low loss, high frequency applications. The most commonly recognized use for RG-6 is for CATV and satellite applications. RG-6 are typically fit with different types of connectors at each end. In CATV distribution, these are F connector style; in professional base band video, BNC connectors; and in consumer A/V uses, other than RF and CATV, RCA plugs.

Features & Benefits

- CM rated jacket for applications where cable is used in single-story commercial or residential applications
- UL Listed and RoHS compliant to ensure safety requirements are met
- Dual shielded to reduce electrical and signal interference
- Foam PE insulation to protect the conductor
- 18 AWG copper clad solid steel conductor
- Spool, or Reel-In-Box packaging options to ease installation and storage

Standards Compliance

- UL Listed Type CM
- UL/ cUL Listed
- ETL Listed
- RoHS Compliant
- CE



RG6 CM Dual-Shield CCS Coaxial Cable

Ordering Information

Description			
RG6 CM Dual Shield CCS Coaxial Cable			
Item No. Prefix	Black Item # Suffix	White Item # Suffix	Packaging
XRG06-	01503	01504	Spool
	02404	02405	Reel-In-Box

Cable Marking

VERICOM E346149 (UL) C(UL)US CM 1X18AWG 75°C 00/00 RG6/U 60% DUAL-SHIELD CATV CABLE CE & ROHS SWEEP TESTED TO 3.0GHZ 000FT USED / 1000FT REMAINING

Item # Example: XRG06-01503 - RG6 CM Copper-Clad Steel Coaxial Cable, Black, 1,000 ft Spool

Construction

Conductor Material / Size: Solid CCS / 18 AWG
Dielectric Material: Foam PE
Dielectric Nom. Diameter: 4.57 mm
Shield Material: Bond Al Foil / PE + Al Wire Braiding

Shield Coverage: 60%
Jacket Dimensions: Nominal Diameter 0.27 in (6.9 mm)
Material: PVC

Mechanical

Tensile Strength (*Jacket Before Aging*): ≥ 13.8 MPa
Aging Elongation: ≥ 100%
Aging Condition (*deg./hrs*): ≥ 113 ± 1.0, 168

Elongation (*Jacket After Aging*): ≥ 50%
Tensile Strength (*Jacket After Aging*): ≥ 85% unaged
Elongation (*Jacket After Aging*): ≥ 50% unaged

Electrical

Impedance: 75 ± 3Ω @ 200 MHz
Conductor DC Resistance 20 °C: 119Ω / 1 Km
Nominal Velocity of Propagation: 82%

Nominal Capacitance: 53.1± pF/m
Structural Return loss: @>20dB

Environmental Conditions

Storing / Shipping Temp: -4 °F to 167 °F (-20 °C to 75 °C)
Installation Temperature: 32 °F to 140 °F (0 °C to 60 °C)

Operating Temperature: 167 °F (75 °C)
Cold Bend: -20± 2° 4 hours no cracking

Nominal Transmission Characteristics

Attenuation [@68°F (20°)]	Freq. (MHz)	Max. (dB/100M)
		5
	55	5.25
	250	11.02
	300	12.14
	350	13.15
	400	14.11
	450	15.03
	500	15.88
	600	17.52
	1000	22.97
	1250	25.00
	2200	36.00