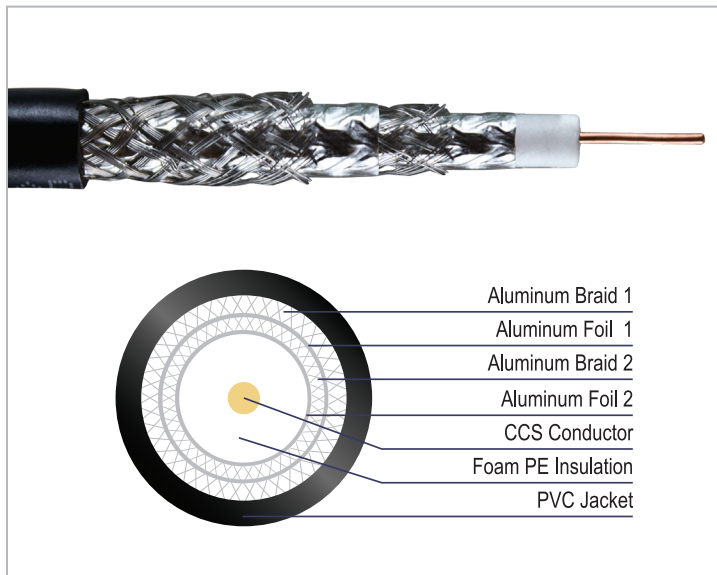




RG6 CM Quad-Shield CCS Coaxial Cable



Applications

Vericom RG6 quad 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 cable are offered in spools or Reel-In-Box packaging. These cables have 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
- Quad shielded to reduce electrical and signal interference
- Foam PE insulation to protect the conductor
- 18 AWG copper clad 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 Quad-Shield CCS Coaxial Cable

Ordering Information

Description			
RG6 CCS Quad Shield CM Coaxial Cable			
Item No. Prefix	Black Item # Suffix	White Item # Suffix	Packaging
XRG06-	01509	01510	Spool
	02406	02407	Reel-In-Box

Cable Marking

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

Item # Example: XRG06-01509 - RG6 CM Copper-Clad Steel Quad Shield 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
1st Shield Material: Bond Al Foil / PE + Al Wire Braiding
1st Shield Coverage: 60%

2nd Shield Material: Bond Al Foil / PE + Al Wire Braiding
2nd Shield Coverage: 40%
Jacket Dimensions: Nominal Diameter 0.3 in (7.3 mm)
Material: PVC

Mechanical

Jacket Tensile Strength: 1500 PSI Min.

Jacket Elongation: ≥ 100%

Electrical

Nominal Impedance: 75 Ω
Nominal Velocity of Propagation: 85%
Nominal Capacitance: 50 pF/m

Sparker Test: 4000 VAC
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
	187	9.35
	300	11.64
	450	14.43
	600	16.73
	750	18.54
	865	20.01
	1000	21.49
	1200	26.16
	1450	27.73
	1800	31.15
	2200	31.92
	3000	37.50

TECHNICAL SHEETS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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