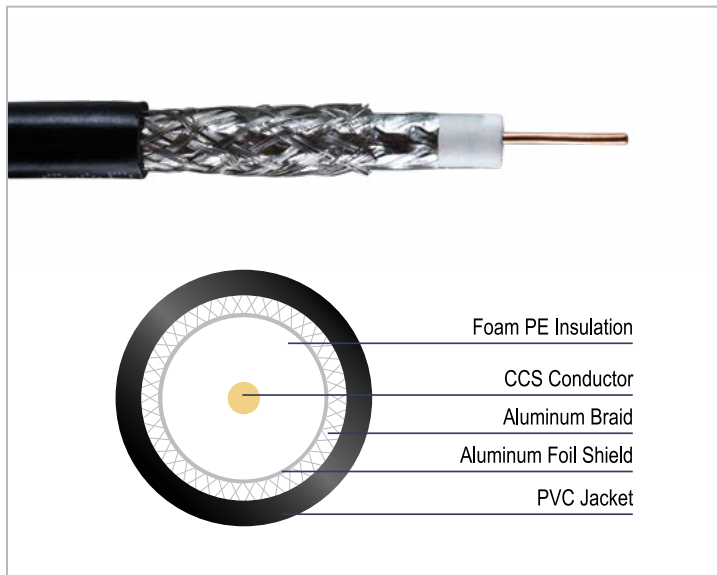




## RG6 CM Dual-Shield CCS Coaxial Cable



### 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**

	Freq. (MHz)	Max. (dB/100M)
Attenuation [@68°F (20°)]	5	2.66
	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