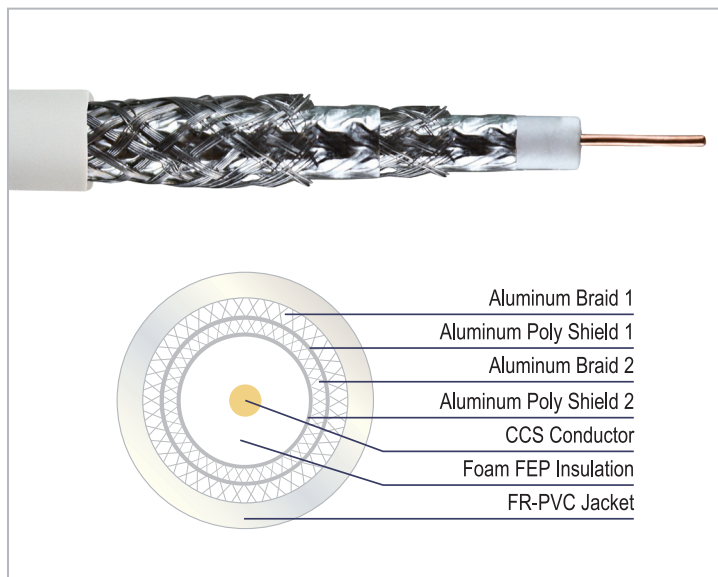




## RG6 CMP Quad-Shield CCS Coaxial Cable



### Features & Benefits

- CMP rated jacket for applications where cable is used for indoor plenum air-handling spaces in multi-story commercial applications requiring a level of fire protection
- ETL Listed and RoHS compliant to ensure safety requirements are met
- Quad shielded to reduce electrical and signal interference
- Foam FEP insulation to protect the conductor
- 18 AWG copper clad solid steel conductor
- Wooden Spool packaging to ease installation and storage

### Applications

Vericom RG6 quad shield CCS coaxial cable supports RF, Satellite, CATV, CCTV and broadband modems and is suitable for indoor plenum air-handling spaces in multi-story commercial building applications requiring a level of fire protection.

### Description / Specifications

These RG-6 coaxial cables are offered in 1000 foot spools and have an insulated central conductor. This cable is 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.

### Standards Compliance

- ETL/ cETL Listed Type CMP
- RoHS Compliant



## RG6 CMP Quad-Shield CCS Coaxial Cable

### Ordering Information

Description		Packaging
RG6 CMP Quad Shield CCS Coaxial Cable		Spool
Item No. Prefix	Item # Suffix	Color
XRG6P-	04832	White

VERICOM 1X18AWG 60C RG6/U 60% QUAD-SHIELD CATV CABLE ETL LISTED ROHS 75C CMP c(ETL)us TESTED TO 3GHZ 0000FT USED/1000FT REMAINING

Item # Example: XRG6P-04832 RG6 CMP Copper-Clad Steel Quad Shield Coaxial Cable, White, 1,000 ft Spool

### Cable Marking

### Construction

- Conductor Material / Size:** Solid CCS / 18 AWG
- Dielectric Material:** Foam FEP
- Dielectric Nom. Diameter:** 4.32 mm
- 1st Shield Material:** Al Poly Tape + 34 AWG Al Wire Braiding
- 1st Shield Coverage:** 60%

- 2nd Shield Material:** Al Poly Tape + 34 AWG Al Wire Braiding
- 2nd Shield Coverage:** 40%
- Jacket Dimensions:** Nominal Diameter 0.26 in (6.6 mm)
- Material:** FR-PVC

### Mechanical

- Minimum Bend Radius (Loaded):** 20 times cable OD
- Minimum Bend Radius (Unloaded):** 10 times cable OD

**Cable Weight:** 30 lbs./ kft

### Electrical

- Nominal Impedance:** 75Ω
- Nominal Conductor DC Resistance:** 28.6Ω / 1000 ft
- Nominal Shield DC Resistance:** 5.30Ω / 1000 ft
- Nominal Velocity of Propagation:** 84%

- Nominal Capacitance:** 15.5 pF/ft
- Structural Return loss:** 15dB
- Sparker Test:** 2500 VAC
- Dielectric Strength:** Conductor to Shield 2000 VDC

### Environmental Conditions

**Operating Temperature:** -40 °F to 167 °F (-40 °C to 75 °C)

### Nominal Transmission Characteristics

Attenuation [@68°F (20°)]	Freq. (MHz)	Max. (dB/100ft)
		1
	10	0.70
	50	1.48
	100	2.01
	200	2.86
	400	4.23
	700	5.96
	900	6.96
	1000	7.45
	1450	9.34
	1800	10.69
	2200	11.54
	3000	13.07