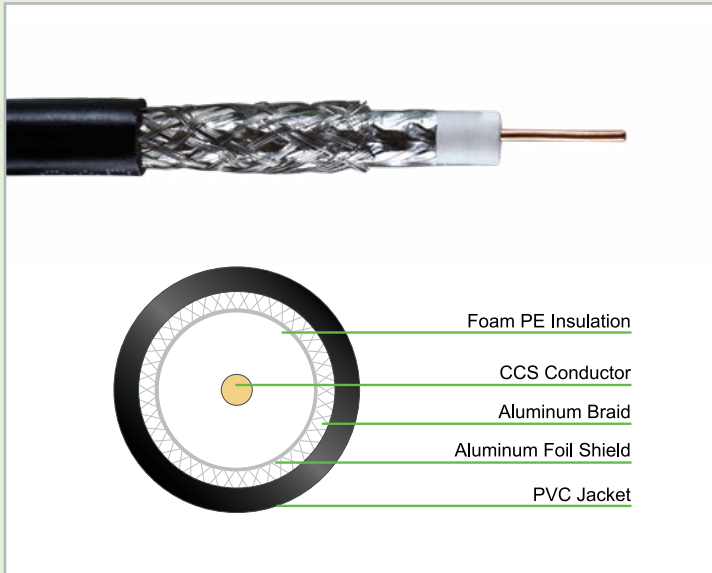


Copper Systems

Bulk Wire

VGC™ RG6 CM Dual-Shield Non-UL CCS Coaxial Cable



Features & Benefits

- CM rated jacket for applications where cable is used in single-story commercial or residential applications
- 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
- Reel-In-Box packaging options to ease installation and storage

Applications

The Vericom RG6 Dual Shield CCS Coaxial Cable is designed to support RF, satellite, CATV, CCTV, and broadband modem applications. Its durable construction makes it well-suited for general residential use as well as single-story commercial building installations, providing reliable signal transmission across a variety of environments.

Description / Specifications

These RG-6 coaxial cables are supplied in 1,000 ft lengths and feature an insulated central conductor, making them ideal for low-loss, high-frequency applications. The most common uses for RG-6 include CATV and satellite installations, where reliability and signal integrity are critical

RG-6 cables are compatible with a variety of connector types depending on the application: F-style connectors for CATV distribution, BNC connectors for professional baseband video, and RCA plugs for consumer A/V applications outside of RF and CATV.

Standards Compliance

- RoHS Compliant
- CE

Copper Systems

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The Future Of Technology - Today.

VGC™ RG6 CM Dual-Shield Non-UL CCS Coaxial Cable

Ordering Information

Description	Packaging	Black	White
RG6 CM Dual Shield CCS Coaxial Cable	Reel-In-Box	XRG06-04549	XRG06-04550

Cable Marking

VERICOM 1×18 AWG 75C MM/YY RG6/U DUAL-SHIELD CATV CABLE CE & RoHS SWEEP TESTED TO 3.0GHZ 0000FT USED/1000FT REMAINING

Construction

Conductor Material / Size: Solid CCS / 18 AWG

Dielectric Material: Foam PE

Dielectric Nom. Diameter: 4.57 mm

Shield Material: Bond Al Foil / PE + 0.12/64 Al Wire Braiding

Jacket Dimensions: Nominal Diameter 0.27 in (6.9 mm)

Material: PVC

Electrical

Impedance: 3 GHz $75 \pm 3\Omega$

Attenuation: @68

Conductor DC Resistance 20 °C: 110 Ω / 1 Km

Nom. Velocity of Propagation: 83%

Structural Return loss (5-450 MHz): @>22dB

Structural Return loss (450 MHz -3 GHz): @>20dB

Environmental Conditions

Operating Temperature: -4 °F to 140 °F (-20 °C to 60 °C)

Nominal Transmission Characteristics

	Freq. (MHz)	Max. (dB/100M)
Attenuation [@68°F (20°)]	5	4.10
	55	5.30
	187	9.35
	300	11.64
	450	14.43
	750	18.54
	865	20.01
	1000	21.49
	1450	26.16
	1800	29.08
	2200	32.13
	2500	34.42
	3000	39.50