



**PRODUCT DESCRIPTION**

- Used in a variety of applications, both residential and commercial. RG6 is a double shielded coaxial cable with a center conductor a bit larger than that of the RG59 type. For applications such as Cable TV, Satellite TV and Cable Modem applications due to its low attenuation over high frequencies. RG6 coaxial cable comes in 1000 ft pull box or 1000 ft reels and is available in black or white jacket colors.

**STANDARD COMPLIANCES**

- NEC: 820
- UL Standard: UL13, UL444 ,UL1655 & UL 1581
- ANSI/SCTE: 74
- Flame Rating: UL 1666 (Riser), FT4
- RoHS: Compliant Directive 2011/65/EU

**APPLICATIONS**

High-Definition Serial Digital Video, High-Resolution Analog Video, High-End Broadband Signal, Transmission for satellite use, Digital Audio (AES3id, SPDIF or Word Clock), CATV-MATV, Computer & Data Processing Transmissions

**CERTIFICATIONS**

- NRTL programs : ETL Verified

**PHYSICAL CHARACTERISTICS**

Conductor	18 AWG Copper- Clad Steel
Insulation	Nitrogen-Injected Foam Polyethylene Dielectric
Nominal Dielectric Diameter(in)	0.18
Dielectric Color	Natural
Shield	100% Coverage Bonded Aluminum Foil-Polyester Tape-Aluminum Foil/60% Aluminum Braid
Jacket	PVC (Flame-Retardant, SUN RES & RoHS compliant)
Nominal Cable Diameter (In)	0.270
Minimum Bend Radius (In)	3.0
Maximum Pulling Force (lbs)	35
Temperature Rating	(°F) Installation +32 to + 140 (°F) Storage & Operation -4 to + 167
Marking	Per Hyperline Standard



## FEATURES & BENEFITS

- Install Friendly
- Skin-Foam-Skin Dielectric reduces the high-frequency attenuation, while maintaining uniform cell structure, low return loss and exceptional crush resistance
- Flexible & Easy to Strip
- Meets or Exceeds NEC Standards
- Sunlight Resistant & RoHS Compliant
- Legend marking for Rooms and Zones to save installation time
- E-Z footage marking with ascending and descending order
- Fully swept tested to 3.0 GHz
- Free from restricted metals and hazardous compounds.
- Combines indoor/outdoor applications into one product. Complies with the UL 1581 sunlight resistance requirement for outdoor installations

## ELECTRICAL CHARACTERISTICS

Freq (MHz)	Nom Attenuation (dB/100')
55	5.40
211	10.30
400	14.01
450	14.83
550	16.58
750	19.06
1000	22.66
1450	27.16
1750	31.00
2250	35.43
3000	41.61
Return Loss 5 -470MHz	≥23dB
470-1000MHz	≥20dB
1000-2400MHz	≥15dB
2400-3000MHz	≥12dB

Nom Capacitance (pF/1ft)	Characteristic Impedance 200MHz	Conductor ( $\Omega/1M'$ @ 68 °F)	Nom Velocity of Propagation (%)	Voltage Rating
16.5	75	31.1	81%	300 Volts

## ORDERING

Part Number	Product Description
COAX-RG6-CMR-XX-305	RG6 Coax, Riser, 1000ft reel, White
COAX-RG6-CMR-XX-305	RG6 Coax, Riser, 1000ft reel, Black
COAX-RG6-CMR-XX-PB-305	RG6 Coax, Riser, 1000ft pull box, White
COAX-RG6-CMR-XX-PB-305	RG6 Coax, Riser, 1000ft pull box, Black



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