

# Part no. COAX-RG6-CMR-XX-305

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NEC: 820

ANSI/SCTE: 74

**CERTIFICATIONS** 

Coaxial Cable RG6 Riser



# Sheath Screen-braid Screen-foil Dielectric Conductor

UL Standard: UL13, UL444 ,UL1655 & UL 1581

**STANDARD COMPLIANCES** 

Flame Rating: UL 1666 (Riser), FT4

NRTL programs : ETL Verified

RoHS: Compliant Directive 2011/65/EU

## **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.

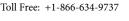
#### **APPLICATIONS**

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

## **PHYSICAL CHARACTERISTICS**

#### Conductor 16 AWG Copper- Clad Steel Insulation Nitrogen-Injected Foam Polyethylene Dielectric Nominal Dielectric Diameter(in 0.18 **Dielectric Color** Natural 100% Coverage Bonded Aluminum Foil-Polyester Tape-Alu-Shield minum Foil/60% Aluminum Braid PVC (Flame-Retardant, SUN RES & RoHS compliant) Jacket Nominal Cable Diameter (In) 0.270 3.0 Minimum Bend Radius (In) 35 Maximum Pulling Force (lbs) Temperature Rating (°F) Installation +32 to + 140 (°F) Storage & Operation -4 to + 167 Per Hyperline Standard Marking







## **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	Characteristic Im-	Conductor (Ω/1M'	Nom Velocity of	Voltage Rating
(pF/1ft )	pedance 200MHz	@ 68 °F	Propagation (%)	
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

