

Coax rG-6, Tri-Shield 70% CM

Product Description

Grupo Matel RG-6 Tri-Shield 70% braided coaxial cables exceed the requirements specified in ANSI/SCTE 74-2003. The shielding consists of an inner aluminum/polyester foil bonded to the insulation, an aluminum 34 AWG braid, and an outer aluminum/polyester foil. This RG-6 Tri-Shield will support such technologies as extended bandwidth satellite service, high definition TV signals, CATV and two-way cable modems.

Applications

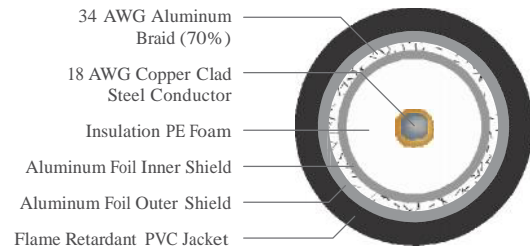
- HDTV
- Extended bandwidth satellite service

Features

- RG-6 (18 AWG copper clad steel center conductor)
- Available in CM Outdoor (60°C rated jacket)
- Tri-Shield consists of inner aluminum/polyester foil, aluminum braid, outer aluminum/polyester foil
- Bonded inner foil
- 100% coverage over the 70% (34 AWG aluminum) braiding
- Reel-in-a-Box design
- White or black outer jacket (UV rated for exterior use)

Benefits

- Standard and popular size
- Indoor/outdoor use
- Added shielding for higher service levels
- Stops moisture
- Offers better shielding protection and stops interference
- Water-resistant package is easy to carry and store
- Jacket color helps differentiate incoming versus internal cabling



Specifications

Conductor	Copper clad steel
AWG (mm)	18 (1.0)
Inner Shield	Aluminum/polyester foil (100%)
Center Shield	34 AWG aluminum braid (70%)
Outer Shield	Aluminum/polyester foil (100%)
Nominal Impedance (Ohms)	75
Jacket	Flame retardant PVC
Performance Compliance	UL 444 CSA C22.2 No. 214-08 UL 1685 ANSI/SCTE 74-2003 Appropriate ASTM standards RoHS-compliant
NRTL Programs	UL, c(UL) Listed CM

Part Numbers and Physical Characteristics

Listing	Part Number	Jacket Color	Nominal Diameter in (mm)	Approx. Weight lbs/kft (kg/km)	Package	Packages per Pallet
CM	178-11A-9R1	White	0.28 (7.1)	32 (48)	1,000' Reel-in-a-Box	27
CM	179-11A-9R1	Black	0.28 (7.1)	32 (48)	1,000' Reel-in-a-Box	27

Electrical Specifications

Frequency MHz	Maximum Attenuation @ 68°F (20°C) dB/100 m
55	5.2
211	10.0
250	10.8
270	11.0
330	12.2
350	12.6
450	14.4
500	15.3
550	16.1
600	16.7
750	18.5
870	20.0
1000	21.5