



# Serial Digital RG6 Coax

### Features:

- Copper and Fiber Optic Cable Manufacturer
- U.S. Manufacturer for local support
- State-of-the-Art Quality Labs
- ISO9001 Accredited
- Standard and Extended Warranties
- Strategic warehousing Through the U.S.

Remeë Products manufactures a full line of foil and braid coaxial cables. These constructions offer customers the ability to use the required cable to meet their immediate needs for commercial as well as residential applications. The cables are manufactured in:

- Foil & braids
- Non-Plenum
- Plenum

This document establishes the specifications for a RG6-6/U, 75ohm, coaxial cable used for analog and digital applications.



### REQUIREMENTS

This document contains values for all important mechanical and electrical parameters and as such, is the basis for all incoming inspection and acceptance.

### APPLICABLE DOCUMENTS

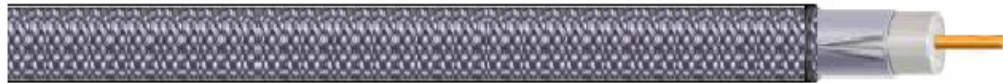
Reference Documents: NEC Article 800  
UL Subject 444  
Type CM, C(UL)



### Applications:

- Cable Television
- Direct TV
- Dish Network
- Satellite Systems
- Equipment interconnect

### Non-Plenum



### Part No. RG6SDTJ

### MECHANICAL

Center conductor: 18AWG Solid bare copper.  
Dielectric material: Cellular polyethylene.  
Dielectric core O.D: 0.180 in., nominal.  
Foil shield: Coaxial shielding tape (100% coverage)  
Braid shield: Tin copper, 95% nominal coverage.  
Jacket material: Translucent PVC  
Overall O.D: 0.275 in., nominal.  
Temperature rating: -20°C to +60°C.

### ELECTRICAL

Capacitance: 16.2 pF/ft., nominal.  
Velocity of propagation: 82%, nominal.  
Characteristic impedance: 75 Ohms  
Nominal attenuation per 100 feet:

.24 dB	@	1 MHz	3.43 dB	@	360 Mhz
.45 dB	@	3.58 MHz	4.95 dB	@	720 MHz
.72 dB	@	10 MHz	5.89 dB	@	1000 MHz
1.57 dB	@	67.5 MHz	7.33 dB	@	1500 Mhz
1.84 dB	@	100 MHz	9.14 dB	@	2250 MHz
2.10 dB	@	135 MHz	10.67 dB	@	3000 MHz

**Available colors:** Red, Blue, Clear Green Yellow