

Part No.: R001564W/POLY

## RG6 Quad Coaxial Cable Polyethylene Jacket

### Applications

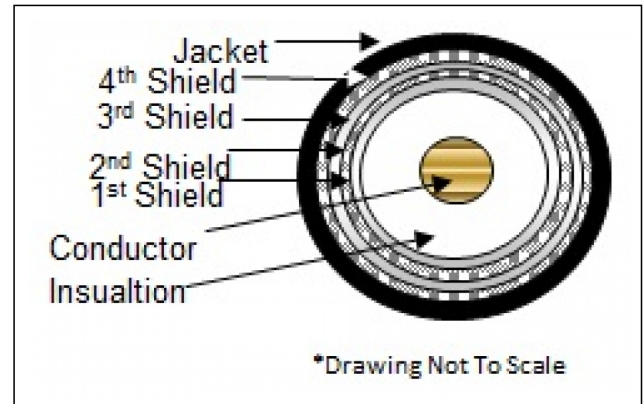
This document establishes the specifications for a RG 6/U Type 75 ohm coaxial cable with a polyethylene jacket used for video display, point-of-sale terminals, Local Area Network controls, and CATV broadcast applications swept to 3.0 GHz, suitable for outdoor use.

### Construction Details

Center Conductor: 18AWG Solid Bare Copperweld  
Dielectric: Cellular Polyethylene.  
Nominal Dielectric Core O.D: 0.170 in.  
1st Shield: Coaxial Shielding Tape. (100% coverage)  
2nd Shield: Aluminum Braid.  
3rd Shield: Aluminum/Polyester Tape (100% Coverage)  
4th Shield: Aluminum Braid  
Jacket Material: Polyethylene  
Jacket Color: Black or Per Customer Requirement  
Nominal Overall Diameter: 0.282 in.  
Surface Print: RG6/U TYPE 18AWG QUAD SHIELD SWEPT TO 3.0 GHZ SUITABLE FOR OUTDOOR USE  
+ Sequential Footage Marking

### Electricals

Nominal Capacitance: 16.2 pF/ft  
Nominal Characteristic Impedance: 75 ohms  
Nominal Velocity of Propagation: 84%  
Nominal Attenuation dB per 100 feet:  
1.46 dB @ 50 MHz  
2.05 dB @ 100 MHz  
2.83 dB @ 200 MHz  
6.88 dB @ 1000 MHz  
7.50 dB @ 1200 MHz  
8.50 dB @ 1800 MHz  
9.50 dB @ 2200 MHz  
12.0 dB @ 3000 MHz



### Technical Details

Temperature Rating  
Operation -20°C to 60°C  
Nominal Weight 32 lbs. / 1,000 ft.

### Preparation for Shipment

The cable shall be packaged to preclude the inducement of damage due to handling and transportation, and shall be in accordance with the best commercial practices available. Shipping containers shall be constructed as to eliminate any possible damage to the cables due to shipment.

### Warranty Info

All warranty information can be viewed at [www.remee.com](http://www.remee.com). This product is RoHS compliant and is directive 2002/95/EC. It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.