



REMEE P/N: R001564W/POLY

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Rev. 0

1.0 SCOPE

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

2.0 APPLICABLE DOCUMENTS

Reference Documents: NON-UL

3.0 REQUIREMENTS

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

4.0 MECHANICAL

- 4.1 Center conductor: 18AWG Solid bare copperweld
- 4.2 Dielectric: Cellular Polyethylene.
- 4.3 Dielectric core O.D.: 0.180 in., nominal.
- 4.4 1st shield: Bonded coaxial shielding tape. (100% coverage)
- 4.5 2nd shield: Aluminum braid
- 4.6 3rd shield: coaxial shielding tape
- 4.7 4th shield: Aluminum braid
- 4.8 Jacket material: Polyethylene
- 4.9 Overall O.D.: 0.282 in., nominal.
- 4.10 Color: Black or per customer requirement.
- 4.11 Temperature rating: -10°C to +60°C

5.0 ELECTRICAL

- 5.1 Capacitance: 16.2 pF/ft, nominal.
- 5.2 Characteristic impedance: 75 ohms, nominal.
- 5.3 Velocity of propagation: 84%, nominal.
- 5.4 Nominal attenuation dB per 100 feet:

1.46 dB @ 50 MHz	7.50 dB @ 1200 MHz
2.05 dB @ 100 MHz	8.50 dB @ 1800 MHz
2.83 dB @ 200 MHz	9.50 dB @ 2200 MHz
6.88 dB @ 1000 MHz	12.0 dB @ 3000 MHz

6.0 PREPARATION FOR DELIVERY

The cables 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.