



Rev	Change	By	Date
A	Update to M17	MTP	05/12/04

Construction:

- A) Center Conductor:
Solid Bare Copper
OD .106 ± .001"
- B) Dielectric:
Solid Polyethylene
OD .370 ± .010"
- C) Braid #1:
33 AWG Bare Copper
94.8% Nom. Coverage
OD .403" Nominal
- D) Braid #2:
33 AWG Bare Copper
93.6% Nom. Coverage
OD .463" Max.
- E) Jacket:
Mat'l: Type IIa PVC
Color: Black
OD .545 ± .010"

Electricals:

- Impedance: 50 ± 2 Ohms
- Capacitance: 32.2 pF/ft Max.
- Velocity of Prop.: 65.9% Nom.
- Operating Frequency: 1.0 GHz Max.
- Voltage Withstanding: 12,000 V rms, +10%, -0%
- Attenuation per 100 ft.:
 - 50 MHz 1 dB Max.
 - 400 MHz 4 dB Max.
 - 1000 MHz 7 dB Max.

Physical Properties:

- Weight per 1000 ft: 225 lbs Max.
- Operating Temperature Range: -40 C to 85 C

MASTER

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Approved By: S. Dike

Date:

08/19/02

Scale:

None

Part Number:

J4757

Rev:

Sheet 1 of 1

Drawing Name:

M17/78-RG217

Drawing Number:

081902

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