



Rev	Change	By	Date
E	General Update	MTP	09/11/07

**Construction:**

- A) Center Conductor:  
30 7/38 SPCW  
OD .012" ± .0005 (.305 mm)
- B) Dielectric:  
Polytetrafluoroethylene (PTFE)  
OD .063" ± .003 (1.60 mm)
- C) Inner Braid:  
38 AWG SPC 93% Coverage  
OD .079" ± .003 (2.01 mm)
- D) Outer Braid:  
38 AWG SPC 94% Coverage  
OD .095" ± .003 (2.41 mm)
- E) Jacket:  
Fluorinated Ethylene Propylene (FEP)  
Color: Brown Tint  
OD .112" ± .003 (2.84 mm)

**Electrical Properties:**

Impedance: 75 ± 3 ohms  
 Capacitance: 23 pF/ft Max.  
 Velocity of Prop.: 70% Nom.  
 Attenuation: 16 dB/100ft Typical @ 400 MHz  
 18 dB/100ft Maximum @ 400 MHz  
 Shielding Effectiveness: 75 dB

**Mechanical Properties:**

Weight: 14.7 lbs/mft Nom.  
 Min. Bend Radius: 0.5"  
 Operating Temp. Range: -55°C to +200°C  
 Flame Rating: VW-1

MASTER

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Approved By: <i>MJPiner</i>				
Date: 09/17/96	Scale: None	Part Number: H6233-1	Rev: E	Sheet 1 of 1
Drawing Name: RG179 Double Shielded			Drawing Number: 091796	