



Construction:

OD (In.)

1) Conductor:	26 AWG 7/.0067" Silver Plated Copper Coated Steel (SPCCS)	0.0201 +/- 0.001"
2) Dielectric:	Extruder PTFE	0.060 +/-0.003"
3) Inner Braid:	Round Silver Plated Copper 90% min. coverage	0.078" nom.
4) Outer Braid:	Round Silver Plated Copper 90% min. coverage	0.096" max.
5) Jacket:	Brown Tint FEP	0.114 +/- 0.004"
Surface Print:	"M17/152-00001 MIL-DTL-17 27478 HARBOUR INDUSTRIES"	

Physical Characteristics:

1) Weight per 1000 ft:	18.5 lbs. nom.
2) Minimum bend radius:	0.57"
3) Minimum continuous length:	50 ft
4) Operating temperature range:	-55C + 200 °C
5) RoHS compliance:	Complies with RoHS (Directive 2002/95/EC)

Electrical Characteristics:

Test Method:

1) Impedance:	50.0 +/- 2 ohms	1) Test Points	801
2) Capacitance:	32 pF/Ft max.	2) IF Band Width:	35 Khz
3) Velocity of Propagation:	69.5 % nom.	3) Sweep Time:	6 Sec
4) Time Delay:	1.5 ns Max.	4) Test Length:	10 ft
5) Attenuation:		5) Connector Type:	Male SMA plug
		6) Sampling Plan:	Per Mil-STD-105
	dB/100 ft		
	Freq. (GHz)		
	0.05		
	0.50		
	1.00		
	3.00		
	10.00		
	12.40		
	Max.		
	7.5		
	26.0		
	40.0		
	75.0		
	170.0		
	200.0		

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Approved By:	M.T. Piner						
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