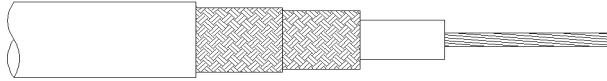


Rev:	Change:	By:	Date:
B	New Format	SD	1/20/2010




Construction:		OD (In.)
1) Conductor:	Stranded 20 (19) Silver Plated Copper	0.0384 +/- 0.001"
2) Dielectric:	Solid PTFE	0.116 +/- .005"
3) Inner Braid:	Round Silver Plated Copper 95% min. coverage	0.138" nom.
4) Outer Braid:	Round Silver Plated Copper 95% min. coverage	0.158" nom.
5) Jacket:	Black Etched FEP	0.195 +/- .005"

Physical Characteristics:	
1) Weight per 1000 ft:	50.0 lbs. max.
2) Minimum bend radius:	1.0"
3) Minimum continuous length:	50 ft
4) Put-up	14" wood, multiple lengths per spool
5) Operating temperature range:	-55C + 200 °C
6) 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:	32.0	pF/Ft max.	2) IF Band Width: 35 KHz
3) Velocity of Propagation:	69.5%	nom.	3) Sweep Time: 6 Sec
4) VSWR (Max 50 Mhz to 12.4 Ghz):	1.35:1		4) Test Length: 10 ft
5) Attenuation (dB/100 ft):			5) Connector Type: Male sma plug
Freq. (GHz)	Typical	Max.	6) Sampling Plan: Per Mil-STD-105
0.050	3.1	3.2	
0.100	4.3	4.5	
0.400	8.6	10.5	
1.000	14.1	17.0	
3.000	26.2	38.0	
10.000	61.6	78.0	
12.400	79.5	90.0	

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	Drawn By: S. Dike	This drawing contains proprietary information and is issued in strict confidence and shall not be copied, reproduced, transmitted or disclosed to any third party either wholly or in part without prior written approval of Harbour Industries . All copies outside of the Harbour Industries CAD system are Uncontrolled .	Rev:	Sheet:
	Approved By: S. Dike		Part Number:	B
	Date: 3/23/99	H2686-0		
	Scale: None			
	Drawing Name:	RG400 Type Etched		Drawing Number: 032399