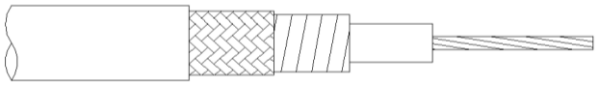
Rev:	Change:	By:	Date:
A	Print legend	SKW	05/24/12



Construction:		OD (In.)
1) Conductor:	Stranded 20(7) Silver Plated Copper	0.0376 +/- 0.001"
2) Dielectric:	Solid PTFE	0.117 +/-0.005"
3) Inner Shield:	Flat Silver Plated Copper wrap 100% coverage	0.124 +/- 0.005"
4) Outer Braid:	Round Silver Plated Copper 90% min. coverage	0.138 +/- 0.005"
5) Jacket:	Light Blue 105º Flex	0.180 +/- 0.005"
Surface Print:	"Harbour Industries SpiralFlex® SFL402-105Flex"	

Physical Characteristics:

1) Weight per 1000 ft:	29.0 lbs nom.
2) Minimum bend radius:	1.0 inches
3) Minimum continuous length:	50 ft
4) Operating temperature range:	-50C + 105º C
5) RoHS compliance:	Complies with RoHS (Directive 2002/95/EC)

Electrical Characteristics:

1) Impedance:	50.0	+/- 2 ohms
2) Capacitance:	29.0	pF/Ft nom.
3) Velocity of Propagation:	70.0%	nom.
4) VSWR (Max 400 Mhz to 18 Ghz):	1.35:1 (Gated)	

5) Attenuation (dB/100 ft):

Freq. (GHz)	Typical	Max
0.40	7.4	9.0
1.00	11.9	14.5
3.00	21.0	24.1
5.00	28.5	32.8
10.00	43.7	50.0
18.00	64.0	73.5

Test Method:

1) Test Points	801
2) IF Band Width:	35 Khz
3) Sweep Time:	6 Sec
4) Test Length:	10 ft
5) Connector Type:	Male SMA plug
6) Sampling Plan:	Per Mil-STD-105
7) k1= (0.319, k2= (0.001179)	

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Harbour INDUSTRIES
High Performance Wire & Cable

Drawn By: S. Dike		
Approved By: S. Dike		
Date: 4/5/12	Part Number: H8852	Rev: A / Sheet: 1 of 1
Scale: None		
Drawing Name: SFL402-105Flex		Drawing Number: 100609_87