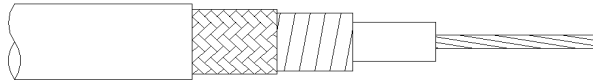


Rev:	Change:	By:	Date:
A	Print legend	SKW	05/24/12



Construction:		OD (In.)
1) Conductor:	Stranded 26(7) Silver Plated Copper Weld	0.021+/- 0.001"
2) Dielectric:	Solid PTFE	0.063 +/-0.005"
3) Inner Shield:	Flat Silver Plated Copper wrap 100% coverage	0.071 +/- 0.005"
4) Outer Braid:	Round Silver Plated Copper 90% min. coverage	0.085 +/- 0.005"
5) Jacket:	Light Blue 105° Flex	0.115 +/- 0.005"
Surface Print:	"Harbour Industries SpiralFlex® SFL405-105Flex"	

Physical Characteristics:	
1) Weight per 1000 ft:	14.0 lbs nom.
2) Minimum bend radius:	0.625 inches
3) Minimum continuous length:	50 ft
4) Operating temperature range:	-50C + 105° 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:	29.0 pF/Ft nom.	2) IF Band Width: 35 Khz
3) Velocity of Propagation:	70.0% nom.	3) Sweep Time: 6 Sec
4) VSWR (Max 400 Mhz to 18 Ghz):	1.35:1 (Gated)	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
0.40	13.1 14.8	7) k1= (0.632, k2= (0.001179)
1.00	21.5 23.7	
3.00	38.2 43.9	
5.00	50.6 58.2	
10.00	75.1 86.4	
18.00	106.1 113.8	

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Approved By:	S. Dike		
Date:	4/5/12	Part Number:	H8853
Scale:	None	Rev:	A
Drawing Name:		SFL405-105Flex	
		Sheet:	1 of 1
		Drawing Number:	100609_86