



## Harbour SFL405 CABLE

### SFL405

#### SPECIFICATIONS:

<b>Construction:</b>		<b>OD (In.)</b>	
1) Conductor:	Stranded 26(7) Silver Plated Copper	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:	Blue Polyurethane	0.115 +/- 0.005"	
Surface Print:	"Harbour Industries SpiralFlex® SFL405"		
<b>Physical Characteristics:</b>			
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 + 85 °C		
5) RoHS compliance:	Complies with RoHS (Directive 2002/95/EC)		
<b>Electrical Characteristics:</b>		<b>Test Method:</b>	
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	