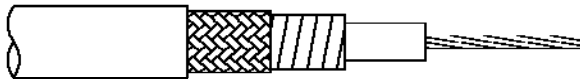


Harbour SFL402 CABLE

SFL402

SPECIFICATIONS:



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: Surface Print:	Blue Polyurethane "Harbour Industries SpiralFlex® SFL402"	0.180 +/- 0.005"	
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 + 85 °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	7.4	9.0	7) k1= (0.319, k2= (0.001179)
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	