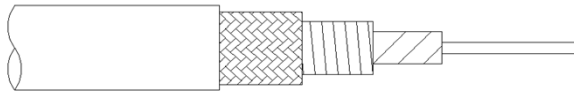


Rev:	Change:	By:	Date:



Construction:		OD (In.)
1) Conductor:	Solid Silver Plated Copper	0.089 +/- 0.001"
2) Dielectric:	PTFE Tape	0.246 +/-0.005"
3) Inner Shield:	Flat Silver Plated Copper wrap 100% coverage	0.252 +/- 0.005"
4) Outer Braid:	Round Silver Plated Copper 90% min. coverage	0.265 +/- 0.005"
5) Jacket:	Blue Tint FEP	0.290 +/- 0.010"
Marker Tape:	"Harbour Industries LLS290 27478"	

**Physical Characteristics:**

1) Weight per 1000 ft:	72.0 lbs nom.
2) Minimum bend radius:	1.4 inches
3) Minimum continuous length:	100 ft
4) Operating temperature range:	-65C + 200 °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:	24.0	pF/Ft nom.	2) IF Band Width:	35 Khz
3) Velocity of Propagation:	84.5%	nom.	3) Sweep Time:	6 Sec
4) VSWR: (Gated):	1.35:1		4) Test Length:	30 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	2.7	3.0	7) k1= (0.131), k2= (0.0001674)	
1.00	4.5	5.0		
3.00	7.9	8.7		
5.00	10.2	11.2		
10.00	14.6	16.1		
18.00	20.5	22.6		

**Harbour Industries**  
 4744 Shelburne Rd., Shelburne, VT 05482  
 PH: 802-985-3311 Fax: 802-985-0726 www.harbourind.com



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Approved By:	S. Dike	Part Number:	H7871
Date:	4/7/10	Rev:	
Scale:	None	Sheet:	1 of 1
Drawing Name:	LLS290		Drawing Number:
			100609_57