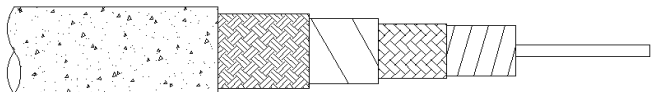


Rev:	Change:	By:	Date:
A	Final OD	SKW	11/2/2010



Construction: **OD (In.)**

1) Conductor:	Solid Silver Plated Copper	0.089 +/- 0.001"
2) Dielectric:	PTFE Tape	0.250 +/- 0.005"
3) Inner Braid:	Flat Silver Plated Copper 90% min. coverage	0.255 +/- 0.005"
4) Inner Shield:	Aluminum Polyester	0.261 +/- 0.005"
5) Outer Braid:	Round Silver Plated Copper 90% min. coverage	0.277 +/- 0.005"
6) Jacket:	Green Tint FEP	0.300 +/- 0.005"
Marker Tape:	"Harbour Industries LL335i"	

Physical Characteristics:

1) Weight per 1000 ft:	76.0 lbs. nom.
2) Minimum bend radius:	1.5"
3) Minimum continuous length:	50 ft
4) Put-up	18" wood, (1) length per spool
5) Operating temperature range:	-55C + 200 °C
6) 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:	24.5 pF/Ft nom.	2) IF Band Width:	35 Khz	
3) Velocity of Propagation:	83.0% nom	3) Sweep Time:	6 Sec	
4) VSWR (Max 400 Mhz to 18 Ghz):	1.35:1	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	3.1	3.5	7) k1= 0.149	
1.00	4.9	5.5	8) k2= 0.0001674	
3.00	8.5	9.5		
5.00	11.3	12.5		
10.00	17.1	19.0		
18.00	22.4	26.0		

Preliminary

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Approved By:	S. Dike					
Date:	11/2/10	Part Number:	H7877	Rev:	A	
Scale:	None				Sheet:	1 of 1
Drawing Name:	LL335i				Drawing Number:	100609_25