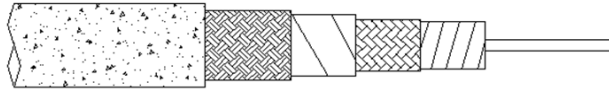


Rev:	Change:	By:	Date:
A	Rev. cable diameters	SD	10/11/2011



Construction:	OD (In.)
1) Conductor: Solid Silver Plated Copper	0.051 +/- 0.001"
2) Dielectric: PTFE Tape	0.151 +/- 0.005"
3) Inner Braid: Flat Silver Plated Copper 90% min. coverage	0.163 +/- 0.005"
4) Inner Shield: Aluminum Polyester	0.172 +/- 0.005"
5) Outer Braid: Round Silver Plated Copper 90% min. coverage	0.188 +/- 0.005"
6) Jacket: Green Tint FEP Marker Tape: "Harbour Industries LL190S"	0.205 +/- 0.010"

Physical Characteristics:	
1) Weight per 1000 ft:	45.0 lbs nom.
2) Minimum bend radius:	1.0"
3) Minimum continuous length:	50 ft
4) Operating temperature range:	-55C + 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: 26.5 pF/Ft nom.	2) IF Band Width: 35 Khz
3) Velocity of Propagation: 76.5 % nom	3) Sweep Time: 6 Sec
4) VSWR (Gated) 1.20:1	4) Test Length: 10 ft
5) RF Shielding Effectiveness: -90.0 dB min	5) Connector Type: Male SMA plug
6) Attenuation (dB/100 ft):	6) Sampling Plan: Per Mil-STD-105
Freq. (GHz)      Typical      Max.	7) k1= (0.246), k2= (0.0001785)
.400              5.0          5.5	
1.000             8.0          8.8	
3.000             14.0        15.4	
5.000             18.3        20.1	
10.000            26.4        29.1	
18.000            36.2        40.0	

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Approved By: S. Dike			
Date: 9/28/11	Part Number:	Rev: A	Sheet: 1 of 1
Scale: None	TBD		
Drawing Name:	LL190S		Drawing Number: 100609_71