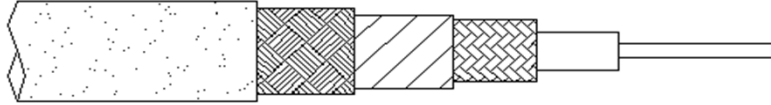


Rev:	Change:	By:	Date:
A	Update Print Legend	MTP	08/23/11



Construction:		OD (In.)
1) Conductor:	Solid Silver Plated Copper Weld	0.037 +- 0.001"
2) Dielectric:	Solid PTFE	0.117 +-0.002"
3) Inner Braid:	Flat Silver Plated Copper 95% min. coverage	0.128 +- 0.005"
4) Inner Shield:	Aluminum Polyimide	0.133 +- 0.005"
5) Outer Braid:	Round Silver Plated Copper 95% min. coverage	0.149 +- 0.005"
6) Jacket:	Clear FEP	0.172 +- 0.005"
Marker Tape:	"Harbour Industries 27478 SB-142i"	

Physical Characteristics:

- | | |
|---------------------------------|---|
| 1) Weight per 1000 ft: | 33.0 lbs. nom. |
| 2) Minimum bend radius: | 0.86" |
| 3) Operating temperature range: | -55C + 200 °C |
| 4) 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:	29.5	pF/Ft nom.	2) IF Band Width:	35 KHz
3) Velocity of Propagation:	70.0%	nom.	3) Sweep Time:	6 Sec
4) VSWR (Gated):	1.35:1		4) Test Length:	10 ft
5) Attenuation (dB/100 ft):			5) Connector Type:	Male SMA plug
Freq. (MHz)	Typical	Max.	6) Sampling Plan:	Per Mil-STD-105
400	7.1	8.0		
1,000	11.2	13.0		
3,000	21.0	23.3		
5,000	27.0	30.0		
10,000	41.0	45.0		
18,000	58.0	64.0		

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



Drawn By:	S. Dike	This drawing contains proprietary information and is issued in strict confidence and shall not be copied, reproduced, transmitted or disclosed to any third party either wholly or in part without prior written approval of Harbour Industries . All copies outside of the Harbour Industries CAD system are Uncontrolled .	
Approved By:	S. Dike		
Date:	4/15/11	Part Number:	H7884
Scale:	None	Rev:	A
Drawing Name:	SB142i		Sheet: 1 of 1
			Drawing Number: 100609_60