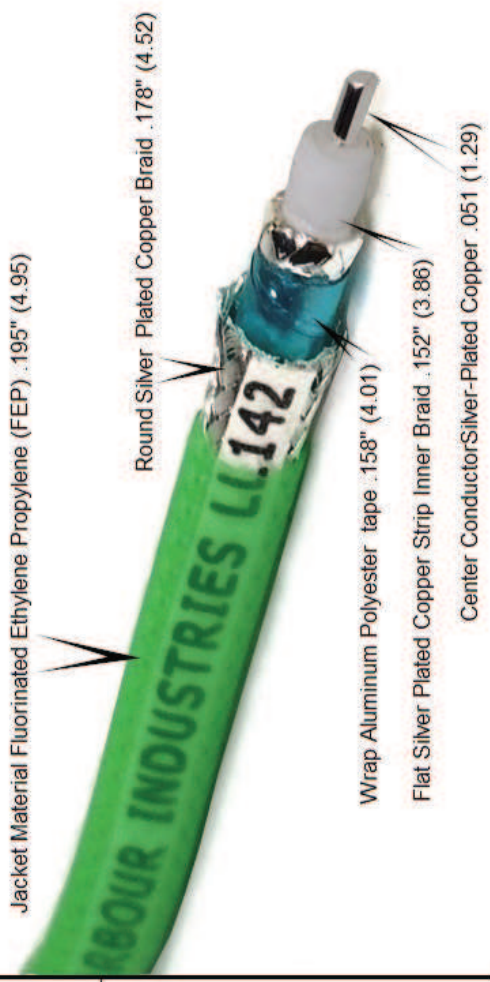


4	No.	Revision	Date	Name
5				
6				

<http://fieldcomponents.com/LL142-Cable-Harbour-Industries-18GHz.html>

RoHS Compliant



Jacket Material Fluorinated Ethylene Propylene (FEP) .195" (4.95)

Round Silver Plated Copper Braid .178" (4.52)

Wrap Aluminum Polyester tape .158" (4.01)

Flat Silver Plated Copper Strip Inner Braid .152" (3.86)

Center Conductor Silver-Plated Copper .051" (1.29)

Center conductor diameter	.051"
Dielectric diameter	.145"
Diameter over inner braid	.152"
Diameter over interlayer	.158"
Diameter over outer braid	.178"
Overall diameter	.195"
Weight(lbs/mft)	44
Bend radius	1.0"
Attenuation (dB/100ft) @	Typ
400 MHz	4.7
1 GHz	7.5
2 GHz	10.7
3 GHz	13.2
5 GHz	17.2
10 GHz	24.9
18 GHz	34.2

**Construction:**

- Center Conductor: Solid silver plated copper
- Dielectric: Expanded PTFE tape
- Inner Braid: Flat silver plated copper strip
- Interlayer: Aluminum polyester or polyimide tape
- Outer Braid: Round silver plated copper
- Jacket: FEP, translucent colors, solid colors or clear

- Operating temperature -55 +200° C
- Velocity of Propagation 80%-83%
- Impedance 50 Ohms
- Capacitance 25.0 pF/ft
- Shielding Effectiveness <-95 dB



LL142 Harbour Industries 18GHz Cable

Part Number: LL142-Cable-Harbour-Industries-18GHz

Cage Code: 5ZFF66