



Hi-Frequency Flexible RF Jumper Cables

Solutions for Internal X-Connect

1.85mm, 2.4mm & 2.92mm Connectors

Solutions for 40GHz, 50GHz & 67GHz
 Excellent Phase Stability
 Stainless Steel Connector Interfaces
 Double Shielded Effective >100dB
 Low VSWR & Loss
 Frequency & Interface Markers
 Ideal for X Connect of RF Modules
 Ideal for Military & Commercial systems



Characteristic	40GHz	50GHz	67GHz
Interface Std.	2.92mm(K)	2.4mm	1.85mm(V)
VSWR(Typical)	1.25:1		1.30:1
VSWR(Max)	1.40:1		1.45:1
Cable Attm(db/ft)	1.60dB	1.84db	2.22dB
ILmax (12" Assy)	2.15dB	2.45dB	2.93dB
Max Power	30W	25W	19W
Phase Change	+/- 8Deg to 67GHz		
Minimum Bend	13mm (0.5")		
Velocity of Prop.	75%		
Capacitance	89pF/m		
Shielding Effect.	> 100dB		
Temp Range	-65 to 105C		

Images for illustration only, Data subject to change. Performance measured at 25C.

ConductRF's latest innovation is Hi-Frequency RF Jumper Cables with 2.92mm, 2.4mm or 1.85mm connectors as standard. This assemblies use our optimized direct solder attached connectors and our superior double shielded hi-frequency A61SW flexible cable with shielding effectiveness greater than -100dB.

These cables are design to support the latest requirements for 5G applications for cross connecting modules, but can equally be used in any field where hi-frequency jumper cables are required.

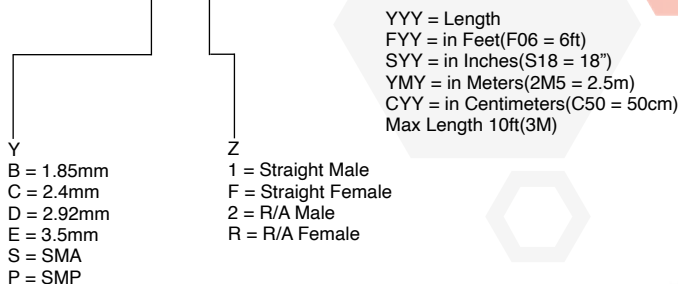
Beyond our standard interconnect, we can also offer solutions with SMP, SMPM, SMA and many other common connector interfaces.

Hi-Performance right angled options are available utilizing hard setting shrink tube to form the cable bend.

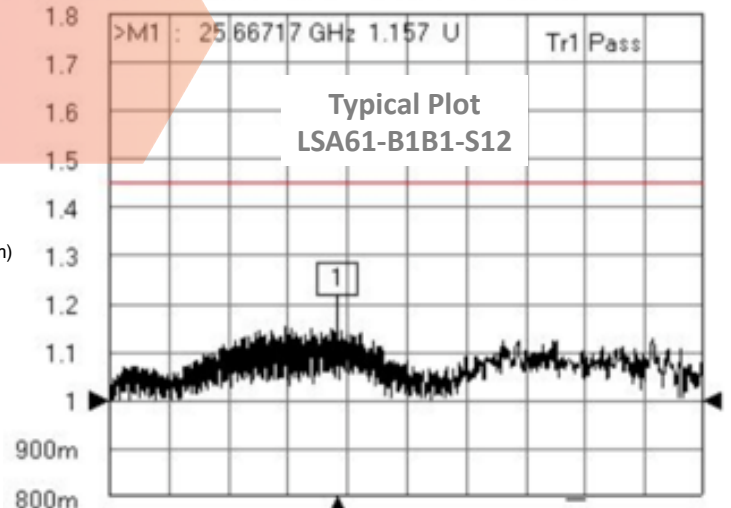
Part Number Structure

LSA61-C1C1-S18

LSA61-YZYZ-YYY



Tr1 S11 Refl SWR RefLvl: 1 U Res: 100 mU/Div



20A-LSA61