LSA61 Hi-Freq. Flexible RF Jumpers

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
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 telecom 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 angled options are also available utilizing hard setting shrink tube to form a desired bend.

Part Number Structure

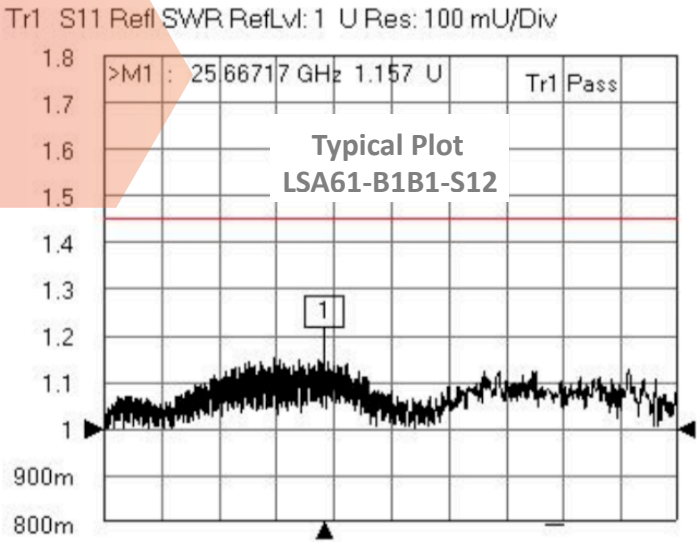
LSA61-C1C1-S18

LSA61-YZYZ-YYY

YYY = Length
FYY = in Feet(F06 = 6ft)
SYY = in Inches(S18 = 18")
YMY = in Meters(2M5 = 2.5m)
CYY = in Centimeters(C50 = 50cm)
Max Length 10ft(3M)

Y
B = 1.85mm
C = 2.4mm
D = 2.92mm
E = 3.5mm
S = SMA
P = SMP

Z
1 = Straight Male
F = Straight Female
2 = R/A Male
R = R/A Female



Typical Plot
LSA61-B1B1-S12

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