



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		

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.

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

Part Number Structure

LSA61-C1C1-S18

LSA61-YZYZ-YYY

YYY = Length
 FYY = in Feet(F06 = 6ft)
 SY Y = 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

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

