

1. Only RoHS Compliant Processes and Materials used for this assembly.
2. Marking to Contain "ConductRF", Part No. & Date Code BLACK Text on ORANGE Tube.
3. 100% Sweep Tested to 27GHz and Validated for VSWR and IL
4. Color Markers with Freq. range and Connector Series to be added to Ends as Shown


ConductRF(Wk/Yr)
LSA61-D1PR-XXX

Diagram illustrating a transmission line model. The model consists of a central black bar representing the transmission line, flanked by yellow boxes indicating the frequency (DC-27 GHz) and the characteristic impedance (2.92mm). The central bar is labeled with the material and part number: ConductRF(Wk/Yr) LSA61-D1PR-XXX. The length of the transmission line is denoted by L, with RP (Reference Plane) at the input and END (End) at the output.

Length	XXX	Insertion Loss(dB) Max	
		18GHz	27GHz
5"	S05	0.75	0.93
9"	S09	1.09	1.38
12"	S12	1.36	1.71
15"	S15	1.62	2.04
18"	S18	1.88	2.37
24"	S24	2.40	3.04
Cable Attn/ft(dB)		0.99	1.26
VSWR(Max)		1.70:1 (Not Inc. Adapters)	

FXX = Length in Feet (eg F03=3ft)
SXX = Length in Inches (eg S18=18")
XMX = Length in Meters (eg 2M5=2.5m)
CXX = Length in CM (eg C50=50cm)

5	Strain Relief	CPA300 or Equiv.	Yellow
4	Label	SM3-23 1/4" 3:1	Orange
3	Hi-Freq. Flex Cable	A61SW	Black FEP
2	SMP R/A female	PPF23A-A28G01	Gold
1	2.92mm Str Male	PDM12G-A28S01	Passivated
ITEM	DESCRIPTION	MATERIALS	FINISH

					Customer DWG	Title: LL Flex 0.086” 2.92mm Male to SMP R/A Female					
						Remarks:	Originated: 10/20/17	Conduct RF sales@ConductRF.com Tel: +1 978 374 6840	Range: LSA		Sheet 1 of 1
									Dwg Ref: LSA61-D1PR		
1	Pre-Release		DG	10/20/17							
REV.	DESCRIPTION	ECN	DRAWN	DATE	Length Tolerances: ≤24" = ±0.25" >24" = ± 1%	Checked: JW	Approved: PL	Rev: 1	Part No: LSA61-D1PR-XXX		
REVISION HISTORY											