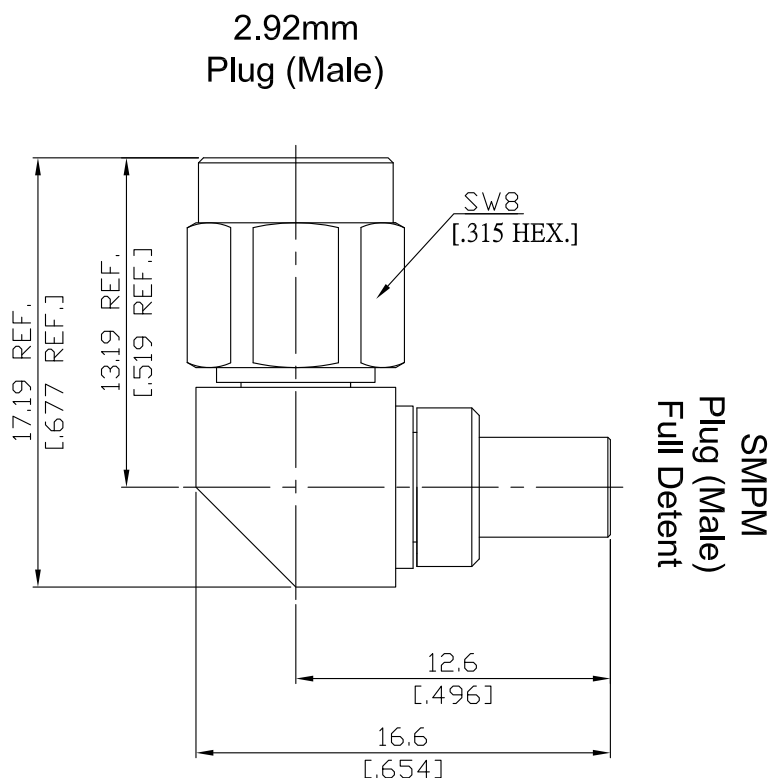


2.92mm Plug (Male) to SMPM Plug (Male) Full Detent
Mitered Right Angle Adapter DC-40GHz VSWR1.4

ASL-K1PM15A / 9XX-9X



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

2.92mm according to
SMPM according to

IEC 61169-35, IEEE Std 287-2007
MIL-STD-348B/328

Electrical Data

Impedance
Frequency
VSWR (Return Loss)
Insertion Loss

50 Ω
DC to 40 GHz
 ≤ 1.40 (≥ 15.6 dB)
 $\leq 0.05 \times \sqrt{F}$ (GHz) dB

Material And Plating

Piece Parts (2.92mm)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PEI	
Gasket	Silicone Rubber	
Coupling Nut	Stainless Steel	Passivated
Piece Parts (SMPM)	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μ inch (Non-magnetic nickel-phosphorus underplating, 80 μ inch)
Body	Stainless Steel	Passivated
Insulator	PEI	

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Mechanical Data

Coupling mechanisms	2.92mm side Screw-lock	SMPM side Snap-lock
Mating Cycles	≥ 500	Full detent: ≥ 100 Limited detent: ≥ 500 Smooth bore, Catchers mitt: ≥ 1000
Center contact captivation	≥ 20 N	N/A
Coupling test torque	1.70 Nm	N/A
Recommended Torque	0.80 Nm to 1.10 Nm	N/A

Environmental Data

Temperature range	-55°C to +165°C
RoHS	compliant

Packing

Single or 100