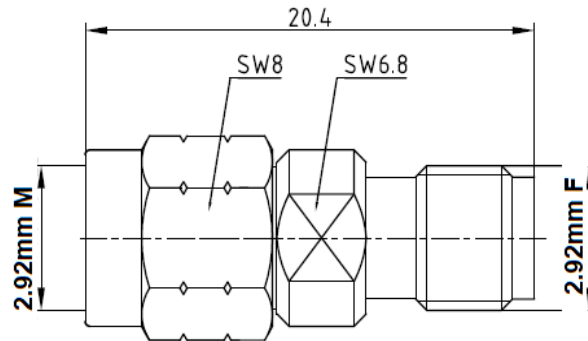


# Synergy Telecom P Ltd.

Part No- ST02292MF040

## 2.92mm MALE TO 2.92mm FEMALE ADPATOR



Tolerance +/- 2mm

### Electrical:

Characteristic Impedance	50 ohm
Frequency Range	DC-40 Ghz
VSWR	$\leq 1.15 @ DC-40GHz$
Insertion Loss	$\leq 0.3$ dB
Dielectric withstanding Voltage	$\geq 1000V$ Vrms at Sea Level
RF high potential withstanding Voltage	$\geq 500V$ Vrms at 5Mhz
Insulation Resistance	$\geq 3000$ MOhm

### Mechanical:

Durability	Mating Cycles $\geq 500$
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### Material and Plating:

	Material	Plating
Body	Stainless Steel	Polished & Passivated
Insulator	PEI	
Center conductor	Beryllium Copper	Gold

### Environmental:

Operating Temperature Range	$-55^{\circ}C \sim +165^{\circ}C$
RoHs	Compliant

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