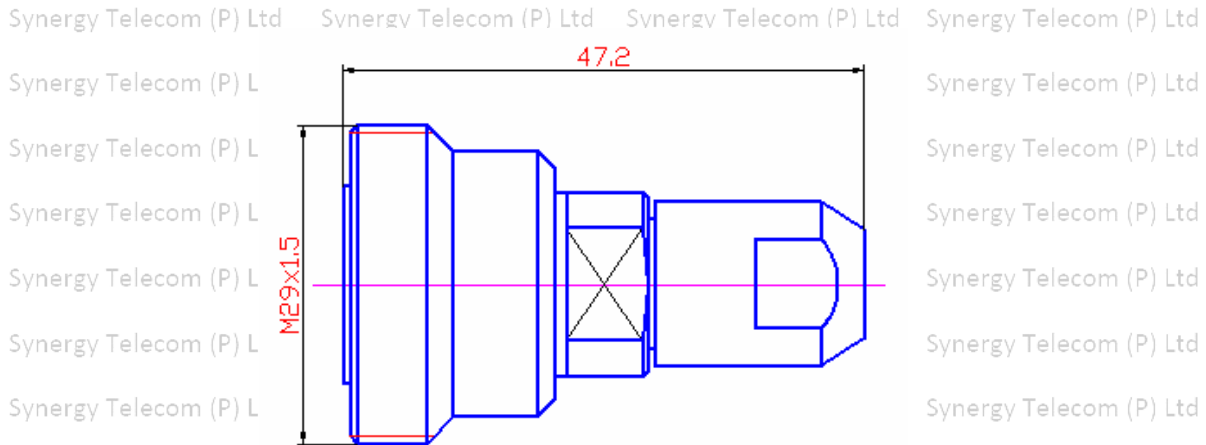


# Synergy Telecom P Ltd.

## 7/16 DIN Female Connector For 1/4In flexible Cable



### Interface

According to IEC 60169-4

### Electrical

Characteristic Impedance 50 ohm

Frequency Range DC-7.5GHz

VSWR  $\leq 1.10@DC-2.2GHz$  ;  $\leq 1.15@DC-3.0GHz$

Insertion Loss  $\leq 0.10dB@2200MHz$

Dielectric Withstanding Voltage  $\geq 4000V$  RMS,50Hz,at sea level

Dielectric Resistance  $\geq 10000M\Omega$

Contact Resistance Center Contact  $\leq 0.4m\Omega$

Outer Contact  $\leq 1 m\Omega$

### Mechanical

Durability Mating cycles  $\geq 500$

### Material and plating

Body	Brass	Plating	Ni
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Insulator	PTFE		-
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Center conductor	Phosphor		Ag
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Coupling Nut	Brass		Ni
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Other Parts	Brass		Ni
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Gasket	Silicone Rubber		-
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### Environmental

Temperature Range  $-40^{\circ}C \sim +85^{\circ}C$

Weatherproof Rate IP 67

RoHs Compliant