

# Synergy Telecom P Ltd.

## 7/16 DIN Male Connector for 7/8" Super Flex Cable

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### Interface

According to

IEC 60169-4

### Electrical

Characteristic Impedance

50 ohm

Frequency Range

DC-7.5GHz

VSWR

$\leq 1.10 @ DC-3000MHz$

Insertion Loss

$\leq 0.08dB @ 2200MHz$

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

Material

Plating

Brass

Tri-metal

Insulator

PTFE

Center conductor

Phosphor bronze

Ag

Coupling Nut

Brass

Ni

Other Parts

Brass

Ni

Gasket

Silicone Rubber

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### Environmental

Temperature Range

-40°C ~ +85°C

Weatherproof Rate

IP 67

RoHs (2002/95/EC)

Compliant