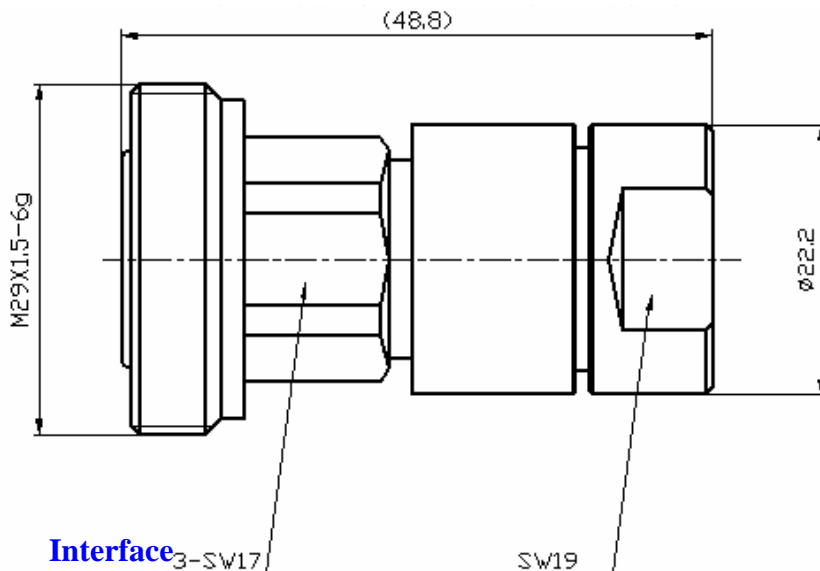


# Synergy Telecom P Ltd.

## 7/16 DIN Female Connector For 1/2" Foam Feeder Cable



**Interface**  
According to

IEC 60169-4

### Electrical

Characteristic Impedance  
Frequency Range  
VSWR  
Dielectric Withstanding Voltage  
Dielectric Resistance  
Contact Resistance

50 ohm  
DC-7.5GHz  
 $\leq 1.10 @ DC-3000MHz$   
 $\geq 4000V$  RMS, 50Hz, at sea level  
 $\geq 10000M\Omega$   
Center Contact  $\leq 0.4m\Omega$   
Outer Contact  $\leq 1 m\Omega$

### Mechanical

Durability  
Material and plating

Mating cycles  $\geq 500$

Body  
Insulator  
Center conductor  
Coupling Nut  
Other Parts  
Gasket

Material  
Brass  
PTFE  
Phosphor bronze  
Brass  
Brass  
Silicone Rubber

Plating  
Ni  
-  
Ag  
Ni  
Ni  
-

### Environmental

Temperature Range  
Weatherproof Rate  
RoHs Compliant

-40°C ~ +85°C  
IP 67