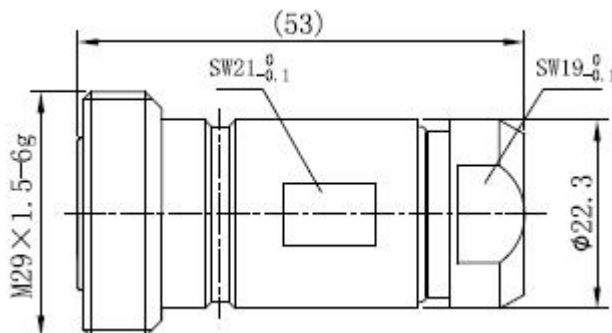


# SPECIFICATION

## 7/16 FEMALE CONNECTOR FOR 1/2"SF CABLE



Part Number: 7/16F-1/2HR

Dimensions are in millimeters

### Interface

According to IEC 60169-4

### Electrical

Characteristic Impedance	50 ohm
Frequency Range	DC-7.5GHz
VSWR	≤1.1(0-3G)
PIM Intermodulation@2-tonex20w	≤-160 dBc
Dielectric Withstanding Voltage	≥4000V RMS,50Hz,at sea level
Dielectric Resistance	≥10000MΩ
Contact Resistance	Center Contact ≤0.4mΩ Outer Contact ≤0.2mΩ

### Mechanical

Durability Mating cycles ≥500 cycles

### Material and Plating

	Material	Plating
Body	Brass	Tri-Alloy
Center conductor	Phosphor Bronze	Ag
Insulator	PTFE	-
Gasket	Silicone rubber	-
Other	Brass	Ni

### Environmental

Temperature Range	-40°C~+85°C
Watertightness	IP68
RoHS-compliance	Full RoHS Compliance
Salt-fog test	96h