



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

### Electrical & Mechanical Specifications

Characteristics Impedance	50 ohm
Frequency Range	DC-7.5GHz
VSWR	$\leq 1.10@DC-3000MHz$
Insertion Loss	$\leq 0.10dB@2200MHz$
Intermodulation 3rd	$\leq -157dBc@2 \times 20W$
Dielectric Withstanding Voltage	4000V rms,50Hz,at sea level
Working Voltage	2700V RMS,50Hz,at sea level
Dielectric Resistance	$\geq 10000M\Omega$
Contact Resistance	Center Contact $\leq 0.4m\Omega$ Outer Contact $\leq 1.0m\Omega$
Durability	Mating cycles $\geq 500$

### Material & Plating

	Material	Plating
Body	Brass	Tri-alloy
Insulator	PTFE	—
Center conductor	Phosphor bronze	Ag
Coupling nut	Brass	Ni
Press ring	Brass	Ag
Cable clamp	Brass	Ni
Gasket	Silicone rubber	—

### Environmental

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