



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

Electrical & Mechanical Specifications		
Frequency Range	DC-7.5 GHz	
Characteristic Impedence	50 Ω	
VSWR	$\leq 1.10@DC-3000MHz$	
Dielectric Withstanding Voltage	$\geq 2500V_{rms}$ at Sea Level	
Working Voltage	1000 V_{rms} at Sea Level	
Insertion Loss	$\leq 0.10dB@2200MHz$	
Intermodulation 3rd	$\leq -157dBc@2 \times 20W$	
Contact Resistance	Center Contact $\leq 0.4 m\Omega$ Outer Contact $\leq 1.0 m\Omega$	
Dielectric Resistance	$\geq 10000M\Omega$	
Durability	Mating cycles ≥ 500	
Material & Plating		
	Material	Plating
Body	Brass	Ni
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	