



**7/16 DIN Female Connector for 1/2"
Super Flex Cable**

Electrical & Mechanical Specifications

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

Material & Plating

	Material	Plating
Body	Brass	Tri-alloy
Insulator	PTFE	—
Center conductor	Phosphor bronze	Ag

Environmental

Temperature Range	-40°C~+85°C
RoHS	Compliant Yes