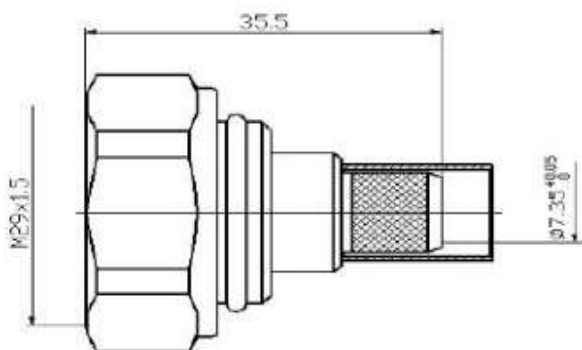




7/16 DIN M Crimp Connector for LMR 400

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 ≥ 500

Material & Plating

	Material	Plating
Body	Brass	Ni
Insulator	PTFE	-
Center conductor	Phosphor Bronze	Ag

Environmental

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