

716DINM7850

7/16" DIN male connector

For 7/8" flexible cable

Specifications	716DINM7850
Frequency range	DC - 7.5GHz
VSWR	0.8-1.0GHz: ≤ 1.08 1.7-2.5GHz: ≤ 1.10
Impedance	50 Ohm
Shielding efficiency	≥ 115 dB
Dielectric withstanding voltage	≥ 4000 V RMS, 50Hz, at sea level
Insertion loss	≤ 0.08 dB
IM3	≤ -155 dBc
Insulation resistance	≥ 10000 M Ω
Dielectric strength	3000V
Contact resistance	Centre Contact - ≤ 0.4 m Ω Outer Contact - ≤ 1.0 m Ω
Durability	≥ 500 mating cycles
Working temperature range	-65°C to +165°C
Storage temperature range	-65°C to +165°C

Construction	
Body and outer	Tri-metal plated brass
Insulator	PTFE (teflon)
Centre contact	Silver plated brass
Inner conductor socket	Silver plated tin bronze
Gasket	Silicon rubber