

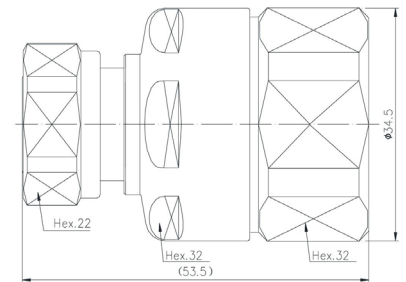
## 4310M7850

4.3-10 male clamp-style connector for 7/8" foam dielectric cable

Low Passive intermodulation



Frequency range	DC - 6 GHz
VSWR	≤1.08:1 at 0.8-1.0 GHz ≤1.10:1 at 1.7-2.7 GHz
Impedance	50Ω (Ohms)
PIM3 (2 x 43dBm)	≤-160dBc @ 1.8 GHz
Insertion loss	≤0.10dB at DC-2.7 GHz
Dielectric withstanding voltage	≥2500V RMS
Operating Voltage	≥1400V RMS
Insulation resistance	≥5000 MΩ
Contact resistance	Centre Contact - ≤1.0mΩ Outer Contact - ≤0.6mΩ
Durability	≥500 mating cycles
Temperature range	-45°C to +85°C
IP Rating	IP68 - 24hr, 1m, 20°C
Mechanical shock test method	MIL-STD-202, Method 213, Test Condition D
Vibration test method	MIL-STD-202, Method 204, Test Condition A
Salt spray test standard	IEC 60068-2-52 (14 days alternating salt spray test)
RoHS Compliant	Yes
Compatible coaxial cables	ZCG7850 7/8" foam dielectric cable



### Construction

Body & Outer contact	Tri-metal plated brass
Insulator	PTFE / TPX
Centre contact	Silver plated brass
Gasket	Silicon rubber
Nut	Tri-metal plated brass