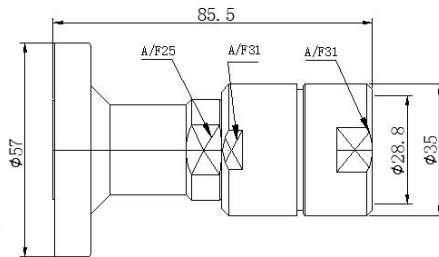
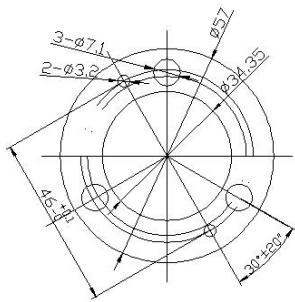




7/8EIA7850

7/8" EIA coaxial connector

For 7/8" flexible, foam dielectric coaxial cable



Frequency range	DC - 5GHz	
VSWR	1.10 @ DC-2.5GHz	
Impedance	50 Ohm	
Dielectric withstanding voltage	≥6000V rms, 50Hz, at sea level	
Working voltage	≤2100V RMS, 50Hz, at sea level	
Dielectric resistance	≥5000MΩ	
Peak power	90 Kilowatts - maximum	Average: 2.3kW at 900MHz
Contact resistance	Centre contact - ≤1.5mΩ Outer contact - ≤1.5mΩ	
Durability	≥100 mating cycles	
Operating temp range	-40°C to + 85°C	
RoHS compliant	Yes	
Weatherproof rating	IP67	

Construction

Body	Nickel (Ni) plated brass
Insulator	PTFE (teflon)
Centre contact	Silver (Ag) plated phosphor bronze
Coupling nut	Nickel (Ni) plated brass
Gasket	Silicon rubber
Bolts and washers	304 stainless steel
Other parts	Brass