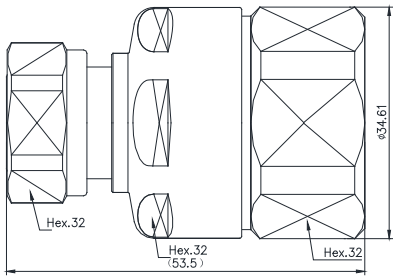


TECHNICAL SPECIFICATION

4310M-7/8”L



4.3-10 Straight male Connector for
7/8" Flexible RF Cable

ID: 2.4.15.81.01(01L)

Rev: A0

Material and Plating

Inner Conductor Pin	Brass / Silver Plating
Inner Conductor Socket	Tin Bronze / Silver Plating
Insulator	PTFE/TPX
Body & Outer Conductor	Brass / Trimetal Plating
Gasket	Silicon Rubber
Nut	Brass / Trimetal Plating

Electrical Specifications

Characteristics Impedance	50 Ohm
Frequency Range	DC~6GHz
Insulation Resistance	≥10000MΩ
Dielectric Withstanding Voltage	2500V rms
Operating Voltage	1400V rms
Center contact resistance	≤1.5 mΩ
Outer contact resistance	≤1.5 mΩ
Insertion Loss	@DC-2.7 GHz ≤0.10dB
VSWR	@0.8-1.0 GHz ≤1.08
	@1.7-2.7 GHz ≤1.10
PIM3(2*43dBm)	≤-160dBc

Environmental & Mechanical Specifications

Durability (matings)	≥500 cycles
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition D
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. A
Temperature Range	-65°C to +85°C
RoHS	Compliant
Sealing Class	IP68 24hr, 1m, 20°C

Regulatory Compliance / Certification

ISO 9001:2015	Compliant
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