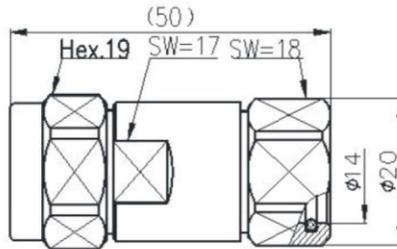




Product Specification

N Male Connector for 1/2" Super Flexible Cable

13 - RF01211



N Straight male Connector for 1/2" Super Flexible RF Cable

ID: 2.4.09.11.02

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~11GHz
Insulation Resistance	≥5000MΩ
Dielectric Withstanding Voltage	2500V rms
Operating Voltage	1500V rms
Center contact resistance	≤1.0 mΩ
Outer contact resistance	≤0.25 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)	≤-155dBc

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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