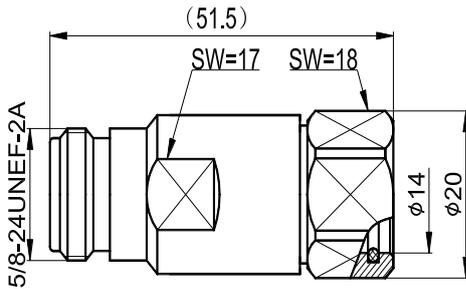


CONNECTOR

LT-CON-NF-1/2H CONNECTOR N FEMALE FOR 1/2" SUPER FLEX RF CABLE



SPECIFICATIONS

PART NUMBER	LT-CON-NF-1/2H
Description	Connector DIN Male for 1/2" Super Flex Cable

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

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