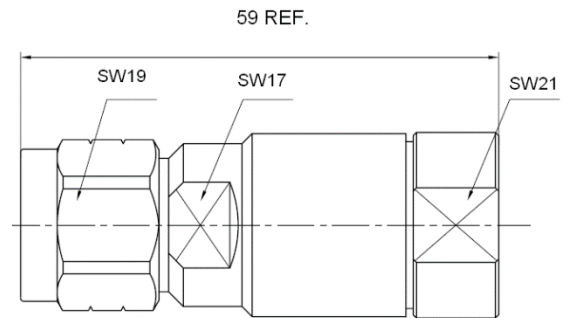


HPL N male connector

C0042E

Description

Inner Conductor:	Silver - plated bronze
Dielectric:	PTFE
Body:	Copper alloy - plated brass
Clamping and Coupling Nut:	Nickel - plated brass
Clamping Nut Waterproof:	Silicone O-ring
Coupling Waterproof:	Silicone gasket



Electrical Characteristics

Impedance:		$50 \pm 1\Omega$
Operating Frequency Band:		DC ~ 4GHz
VSWR (DC~4 GHz):	DC~3GHz:	≤ 1.10
	3~4GHz:	≤ 1.20
3 rd Order Passive Intermodulation, Measured In Swept Frequency Mode With 2 × 20W Carriers, F ≤ 1880 MHz:	Static:	≤ -155 dBc
	Dynamic:	≤ -145 dBc
Voltage Test (at sea level):		2000 V eff / 50 Hz
Operating Voltage (at sea level):		1300 V eff / 50 Hz
Insulation Resistance:		≥ 5000 MΩ
Contact Resistance:	Inner contact:	≤ 1.5 mΩ
	Outer contact:	≤ 1.0 mΩ

Mechanical & Environmental Characteristics

Interface Durability:	500 cycles	
Temperature:	Operating	-40 °C / +85 °C
	Installation	-25 °C / +55 °C
	Storage	-50 °C / +85 °C
Weight:	102 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

Installation Instruction

ANM - C0042E

Compatibility with ACOME HPL 50 -1/2SF

M2839,M2830,M5308

Test Methods: IEC 61169-16, IEC 62037-3, IEC 60529