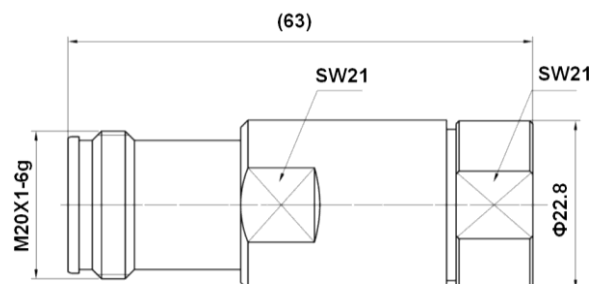


HPL 4.3-10 female connector

C2418X

Description

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



Electrical Characteristics

Impedance:	50 ± 1Ω
Operating Frequency Band:	DC ~ 3GHz
VSWR (0~3 GHz):	≤ 1.10
3 rd Order Passive Intermodulation, Measured In Swept Frequency Mode With 2 × 20W Carriers, F ≤ 1880 MHz:	≤ -160 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: ≤ 1.0 mΩ
	Outer contact: ≤ 1.0 mΩ

Mechanical & Environmental Characteristics

Interface Durability:	>100 cycles	
Temperature:	Operating	-40 °C / +85 °C
	Installation	-25 °C / +55 °C
	Storage	-50 °C / +85 °C
Waterproof Index:	IP68	
RoHS compliance:	Yes	

Installation Instruction

ANM – C2418X

Compatibility with ACOME HPL 50 -1/2SF

M2839,M2830,M5308

Test Methods: IEC 61169-54, IEC 62037-3, IEC 60529