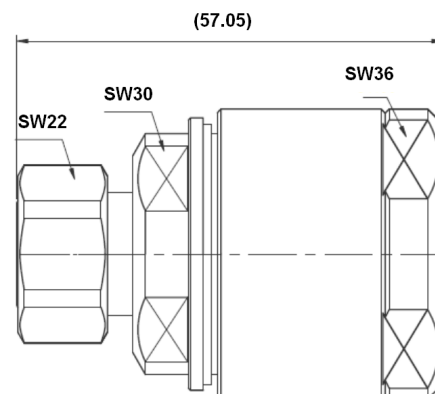


HPL 4.3-10 male connector

C2421X

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 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):	1400 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 – C2421X

Compatibility with ACOME HPL 50 -7/8

M5407, M5422, M5510, M5430, M5436, M5643, M5645

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