



PRODUCT DATA SHEET

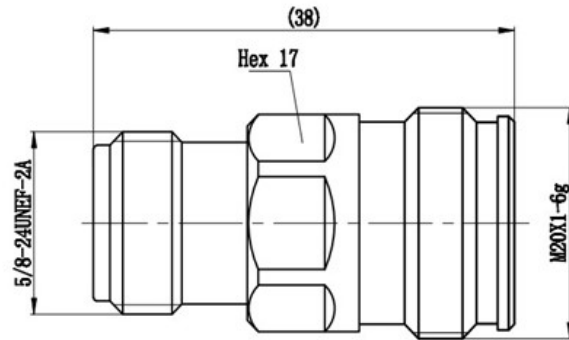
Adapter: 4.3-10/N-50FF

Description

4.3-10 Female to N Female Adapter

Suitable standard

IEC 61169-54, 61169-16



MATERIALS & PLATING

	Description	Material	Surface Plating	Remark
1	Body	BRASS	Tri-Alloy	
2	Center Conductor	Phosphor bronze	Ag	
3	Insulator	PTFE	-	

ELECTRICAL CHARACTERISTICS

	Item	Technical Data
1	Frequency Range	DC-6GHz
2	VSWR	1.02 @ DC to 2GHz 1.04 @ 2 to 3GHz 1.08 @ 3 to 6GHz
3	Insertion loss	$\leq 0.05 * \sqrt{f}$ dB
4	Impedance	50Ω
5	Dielectric Withstanding Voltage	$\leq 2500V$ (RMS), 50Hz at sea level
6	Contact Resistance	Outer Contact $\leq 1m\Omega$, Center Contact $\leq 1m\Omega$
7	Insulation Resistance	$\geq 5000M\Omega$
8	PIM3	$\leq -160dBc@2x43dBm$

MECHANICAL CHARACTERISTICS

1	Durability	≥ 500 cycles
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ENVIRONMENTAL CHARACTERISTICS

1	Temperature range	- 40°C to +85 °C
2	RoHS	Full Compliance
3	Salt-fog Test	96h
4	Watertightness	IP68

* f is in GHz

Technical data are subjected to change without notice – File : 4310_N-50FF 2021V1.0