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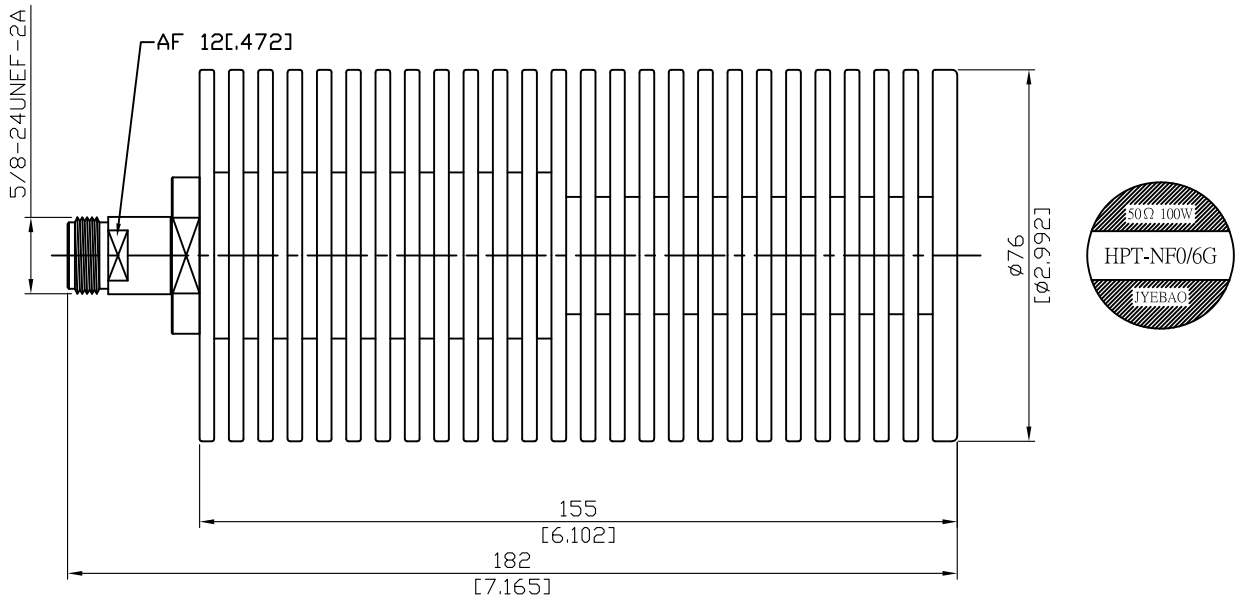
HPT-NF0/6G100W50	100 Watt 50ohm N Jack Termination 1GHz VSWR 1.15; 3GHz VSWR 1.2; 6GHz VSWR 1.3	50Ω



100W average power from -55°C to 70°C linearly derated to 30W at 165°C

Parts	Material	Plating (Micro-inch)
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Contact Pin	P.Bronze	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Heat Sink	Alumium	Black Chromium 100

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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N	HPT-NF0/6G100W50

Interface

MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 6GHz
VSWR	≦1.15 (1GHz); ≦1.2 (3GHz); ≦1.3 (6GHz)
Insertion loss	≦0.05 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≧5000MΩ
Contact resistance inner conductor	≦1.5mΩ
Contact resistance outer conductor	≦1mΩ
Dielectric withstanding voltage (at sea level)	2500 V rms
Working voltage (at sea level)	1000 V rms

Mechanical Data

Recommended coupling nut torque	6 to 10 inch lbs
Coupling proof torque	15 inch lbs
Contact captivation-axial	≧6.3 lbs
Durability (mating)	≧500

Environmental Data

Temperature range	-55°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

Tooling

HPT-NF0/6G100W50