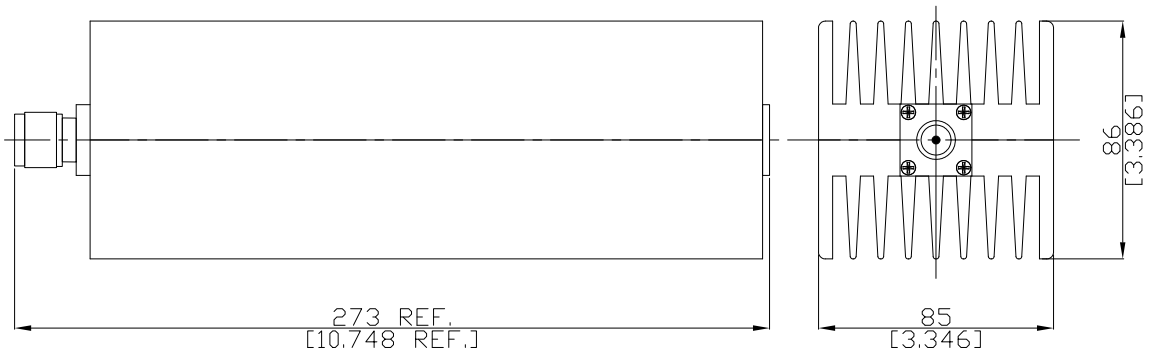
ROSNOL
RF/Microwave Interconnect

Technical Data Sheet

300 Watt RF Load Up to 8 GHz With N Plug (Male) Input Round Body Black Anodized Aluminum Heatsink

T-N15-8G300WA / 144



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

Interface

According to	IEC 60169-16;MIL-STD-348/304;CECC 22 210

Electrical Data

Impedance	50 Ω
Frequency	DC to 8 GHz
VSWR (Return Loss)	≤ 1.3 (≥ 17.69 dB)
RF Power Rating	300 Watts Average at 25°C

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, Nickel underplated
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Heatsinks	Aluminum	Black anodized

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N-CAGE Code: SFKK0 / ISO9001 Certified

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Mechanical Data

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Coupling Nut Retention	≥ 450 N
Center Contact Captivation: axial	≥ 28 N
Coupling Test Torque	max. 1.7 Nm
Recommended Torque	0.7 Nm to 1.1 Nm

Environmental Data

Temperature Range	-55C to +100°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. B
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Method 106
RoHS	compliant

Packing

Single or 100

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