

TERMINATIONS

TYPE N

UP TO 4.0 GHz
300 WATTS

api
technologies corp.
INMET

MODELS: TNXXXM-300W & TNXXXF-300W

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 4.0 GHz
 Standard Freq. Values _____ 2.5 & 4 GHz
 VSWR
 DC – 1.5 GHz _____ 1.15:1 Max.
 1.5 – 2.5 GHz _____ 1.25:1 Max.
 2.5 – 4.0 GHz _____ 1.35:1 Max.
 Input Power _____ 300 Watts Avg. @ +25°C
 Derated Linearly to 60 Watts @ +125°C
 Peak Power _____ 2 kW Max.
 (5uSec Pulse, .05% Duty Cycle)
 Impedance _____ 50 Ohms
 Operating Temp Range _____ –55°C to +125°C

Mechanical:

Type N Connectors _____ Passivated Stainless Steel
 Mates with MIL-STD-348
 Conductors _____ Gold Plated Beryllium Copper
 Housing _____ Anodized Aluminum

Model Number: **TNXXXF-300W**

Type N Female Connector

Length: $7.70 \pm .10$ [195.58 ± 2.54]

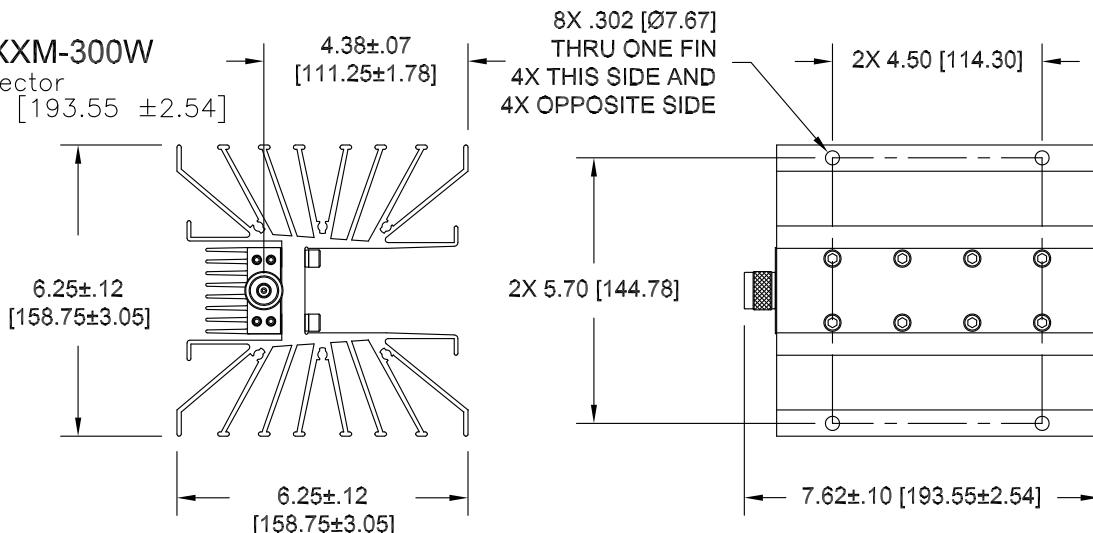
Units must be Mounted in such a way
 as to Allow for Free Air Flow Around
 fins as to Assure Performance.

Model Number: **TNXXXM-300W**

Type N Male Connector

Length: $7.62 \pm .10$ [193.55 ± 2.54]

Pictured



Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.

HOW TO ORDER:

Model Number: **TNXXXX-300W**

Connector Configuration
 Freq. Range _____
 020 = DC – 2.5 GHz
 040 = DC – 4 GHz

Ordering Examples:

Model Number: **TN040M-300W**
 DC – 4 GHz, Type N Male CONN.

Model Number: **TN020F-300W**
 DC – 2.5 GHz, Type N Female CONN.

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
 Design specifications are subject to change without notice.

Contact factory for technical specifications before purchasing or use.

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TNXXX-300W; REV C