



Features

- /// Quality connectors with special high temperature support beads.
- /// Designed to meet environmental requirements of MIL-A-3933.

Specifications

Nominal Impedance: 50 Ohms
 Frequency: DC to 18GHz
 Power Rating: 300 watts
 Connector: Stainless Steel

Part Number	freq. (GHz)	VSWR max.
TP4-Nm-300WG	DC-4	1.15
TP8-Nm-300WG	DC-8	1.20
TP12.4-Nm-300WG	DC-12.4	1.30
TP18-Nm-300WG	DC-18	1.35

POWER RATING: 300Watts average (mounted horizontally assuming unobstructed air flow and natural convection around unit) to 25°C ambient temperature, derated linearly to 10% @ 125°C. 10 kilowatts peak (5usec pulse width; 0.5% duty cycle)

TEMPERATURE RANGE: -55°C to +125°C

CONNECTORS: Type N connectors per MIL-STD-348 interface dimensions - mate nondestructively with MIL-C-39012 connectors.

Connector Options	Type/Description
Nm	Type N male

CONSTRUCTION: Aluminum alloy body, stainless steel connectors; gold plated beryllium female center contacts and brass male center contacts.

WEIGHT: 4500 g

MODEL NUMBER DESCRIPTION

TP18 - XX - 300WG

Freq. Max. Connector Options
 1st digit is connector type
 2nd digit is male or female

Power Stainless Steel

* Add -LIM for Low Intermodulation option.