

Terminations Type N

up to 18 GHz Precision

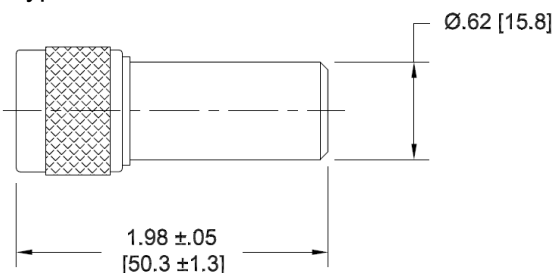
MODELS: AA-3101, 3101C, 3102, 3102C

Technical Specifications

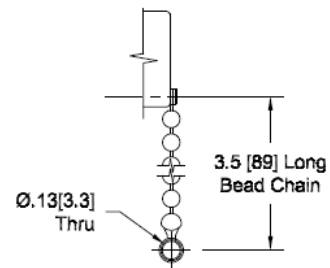
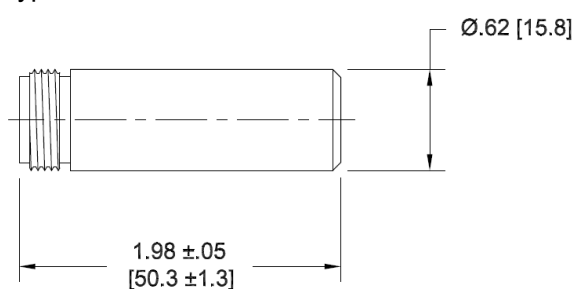
Parameter	Value
<i>Electrical</i>	
Frequency Range	DC – 18 GHz
VSWR	DC – 4 GHz 1.03:1 max. 4 – 8 GHz 1.04:1 max. 8 – 12.4 GHz 1.05:1 max. 12.4 – 18 GHz 1.06:1 max.
Input Power	2 Watts Average @ +25°C <i>Derated linearity to 1 watt @ +125°C</i>
Peak Power	1.0 kW max. (5µSec pulse, 0.05% duty cycle)
Impedance	50 Ohms
Operation Temp. Range	-65°C to +125°C
Temperature Coefficient	±250 ppm/°C

Parameter	Value
<i>Mechanical</i>	
Type N Connectors Mates with MIL-STD-348	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper
Bead Chain	Passivated Stainless Steel

Model Number 3101 Type N Male Connector



Model Number 3102 Type N Female Connector



CHAIN DETAIL

How To Order

Model #: **310XY**

Connector Config. ————
 1 = Male
 2 = Female

Style ————
 = No chain
 C = Chain included

Order Examples

Model number: 3101C
 DC-18 GHz, Type N male, chain included

Model number: 3102
 DC-18 GHz, Type N female, no chain

Model number: 3101
 DC-18 GHz, Type N male, no chain

**Dimensions in brackets are expressed in millimeters and are for reference only.

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Spectrum Control reserves the right to make changes to datasheets at any time without notice.