

# Terminations

## Type N

**up to 18 GHz**  
**2 Watts**

MODELS: 3070M, 3070F, 3070MC, 3070FC

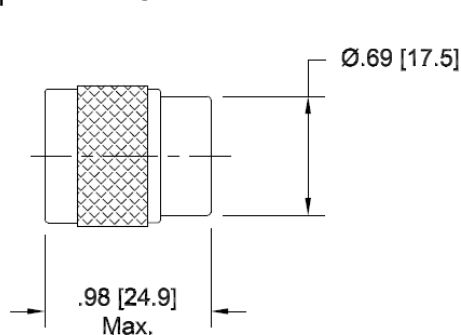
### Technical Specifications

Parameter	Value	
Electrical		
Frequency Range	DC – 18 GHz	
VSWR	Male Units	Female Units
DC – 8 GHz	1.20:1 max.	1.20:1 max.
8 – 12.4 GHz	1.20:1 max.	1.25:1 max.
12.4 – 18 GHz	1.25:1 max.	1.30:1 max.
Input Power	2 Watts Average @ 25°C Derated linearity to 1 watt @ +125°C	
Peak Power	1.0 kW max. (5µSec pulse, 0.05% duty cycle)	
Impedance	50 Ohms	
Operation Temp. Range	-65°C to +125°C	

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

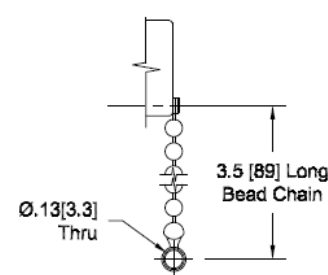
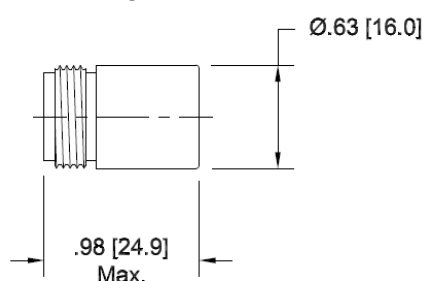
### Model Number 3070M

Type N Male Connector



### Model Number 3070F

Type N Female Connector



CHAIN DETAIL

### How To Order

Model #: 3070XY  
 Connector Config. —  
 M = Male  
 F = Female  
 Style —  
 = No chain  
 C = Chain included

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

### Order Examples

Model number: 3070FC  
 DC-18 GHz, Type N female, chain included

Model number: 3070M  
 DC-18 GHz, Type N male, no chain