

**NAT7**  
TNC to 7/16 DIN

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar



**Electrical**

|                          |             |
|--------------------------|-------------|
| Frequency:               | DC~7.5GHz   |
| VSWR:                    | 1.2 max.    |
| Impedance:               | 50Ω         |
| Impedance of Dielectric: | 5000MΩ min. |
| Voltage Withstand:       | 1000V DC    |

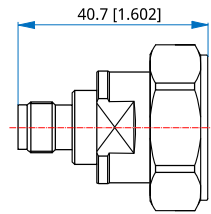
**Mechanical**

|                  |                                |
|------------------|--------------------------------|
| RF Connectors:   | TNC<br>7/16 DIN                |
| Outer Conductor: | Ternary alloy plated brass     |
| Dielectric:      | PTFE                           |
| Inner Conductor: | Silver plated beryllium copper |

**Environmental**

|              |            |
|--------------|------------|
| Temperature: | -55~+165°C |
|--------------|------------|

**Outline Drawings**



Outline A

Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]

**How To Order**

**NAT7-FM** - TNC(f) to 7/16 DIN(m), Outline A

Customization is available upon request.

**NATB**  
TNC to BNC

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

**Electrical**

Frequency: DC~4GHz  
VSWR: 1.2 max.  
Impedance: 50Ω

**Mechanical**

RF Connectors: TNC  
BNC  
Mating Life Cycle: 500 cycles  
Outer Conductor: Ternary alloy plated brass  
Dielectric: PTFE  
Inner Conductor: Gold plated beryllium copper

**Environmental**

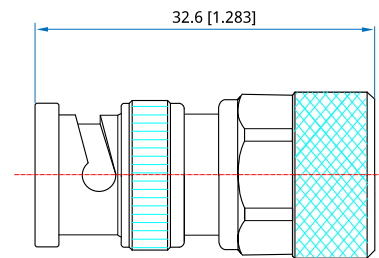
Temperature: -55~+165°C

**How To Order**

**NATB-MM** - TNC (m) to BNC (m), Flange mount, Outline A

Customization is available upon request.

**Outline Drawings**



Outline A

Unit: mm [in]  
Tolerance: ±0.2mm [±0.008in]