



# WATQ

## TNC to QMA

**Features:**

\* Low VSWR

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar

### Electrical

Frequency:	DC~6GHz
VSWR:	1.35 max.
Dielectric Withstanding Voltage:	1000V RMS, 50Hz, at sea level, min.
Working Voltage:	500V RMS, 50Hz, at sea level, max.
Impedance of Dielectric:	5000MΩ min.
Impedance of Contact (Center):	1.5mΩ max. (TNC) 3mΩ max. (QMA)
Impedance of Contact (Outer):	1mΩ max. (TNC) 2.5mΩ max. (QMA)
Impedance:	50Ω

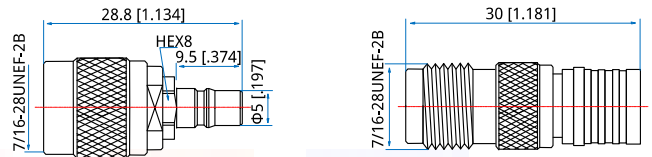
### Mechanical

RF Connectors:	TNC QMA
Mating Life Cycle:	500 cycles min.
Outer Conductor:	Nickel plated brass
Dielectric:	PTFE
Inner Conductor:	Gold plated brass

### Environmental

Temperature:	-45~+125°C
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### Outline Drawings



Outline A

Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**WATQ-MF** - TNC(m) to QMA(f), Outline A

**WATQ-FM** - TNC(f) to N(m), Outline B

Customization is available upon request.