

# QABZ

## BNC to UHF (SL16)

Features:  
\* Low VSWR

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

### Electrical

|                                  |  |
|----------------------------------|--|
| Frequency:                       | DC~3GHz<br>DC~1GHz (Outline E)                                       |
| VSWR:                            | 1.35 max. (Outline E)  |
| Dielectric Withstanding Voltage: | 1500V RMS, 50Hz, at sea level, min. (Outline E)                      |
| Impedance of Dielectric:         | 5000MΩ min. (Outline E)  |
| Impedance of Contact (Center):   | 5mΩ max. (UHF (SL16))<br>(Outline E)                                 |
| Impedance of Contact (Outer):    | 1.5mΩ max. (BNC) (Outline E)<br>5mΩ max. (UHF (SL16))<br>(Outline E) |
| Impedance:                       | 1mΩ max. (BNC) (Outline E)<br>50Ω                                    |

### Mechanical

|                    |   |
|--------------------|---|
| RF Connectors:     | BNC<br>UHF (SL16)   |
| Mating Life Cycle: | 500 cycles  |
| Outer Conductor:   | Nickel Plated Brass   |
| Dielectric:        | PTFE  |
| Inner Conductor:   | Gold Plated Beryllium Copper<br>Gold Plated Brass (Outline E) |

### Environmental

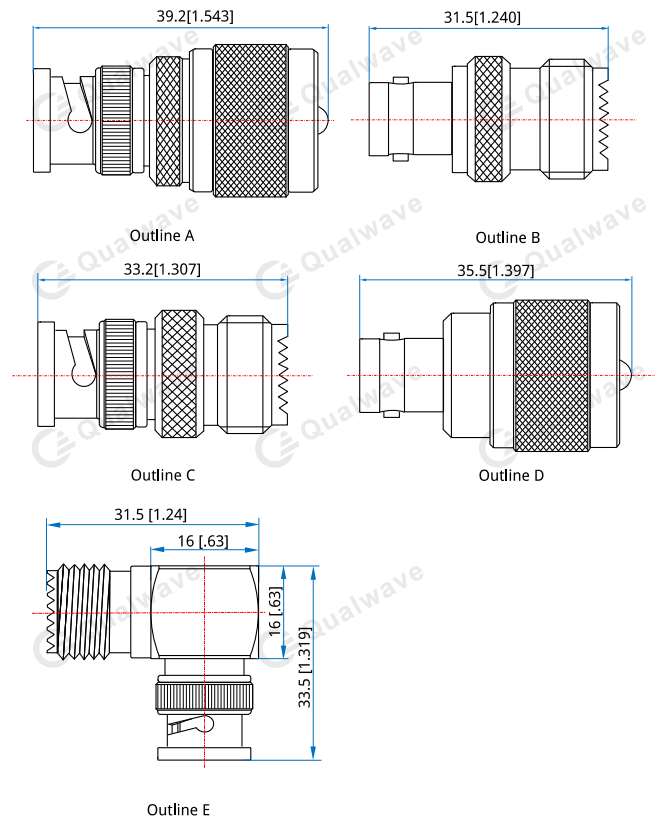
|              |                                      |
|--------------|--------------------------------------|
| Temperature: | -55~+165°C<br>-45~+125°C (Outline E) |
|--------------|--------------------------------------|

### How To Order

- QABZ-MM** - BNC(m) to UHF (SL16) (m), Outline A
- QABZ-FF** - BNC(f) to UHF (SL16) (f), Outline B
- QABZ-MF** - BNC(m) to UHF (SL16) (f), Outline C
- QABZ-FM** - BNC(f) to UHF (SL16) (m), Outline D
- QABZR-MF** - BNC(m) to UHF (SL16) (f) right angle, Outline E

Customization is available upon request.

### Outline Drawings



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