

QAST SMA to TNC

Features:
* Low VSWR

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency: DC~18GHz
 Insertion Loss: 0.17dB max. (Outline A-E)
 Impedance of Contact (Center): 3mΩ max. (Outline A-E)
 Impedance of Contact (Outer): 5mΩ max. (Outline A-E)
 Impedance: 50Ω

Mechanical

RF Connectors: SMA
 TNC
 Mating Life Cycle: 500 cycles min.
 Waterproof Rating: IP65 (Outline G)

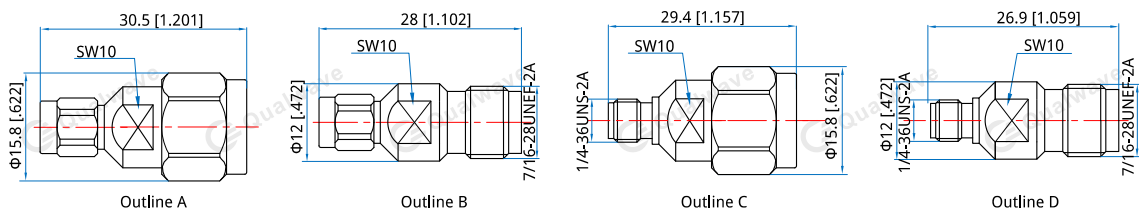
Environmental

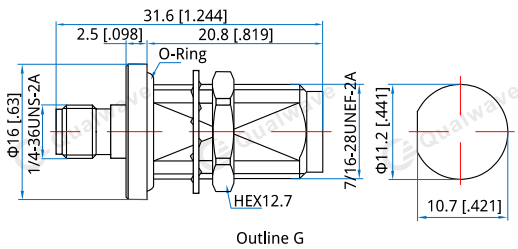
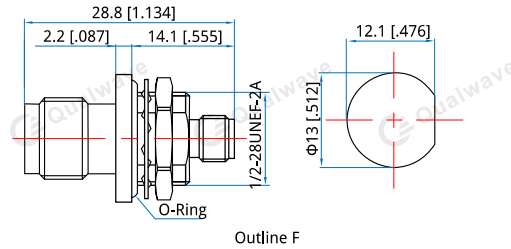
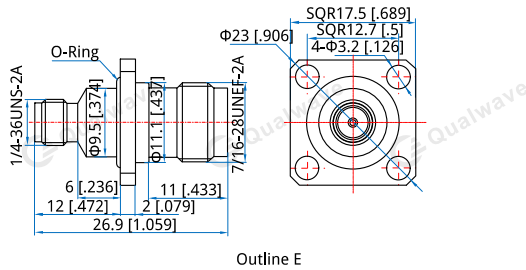
Temperature: -55~+165°C (Outline F)
 -55~+125°C (Outline G)

Specifications

Model	Frequency (GHz)	VSWR (max.)	Dielectric Withstanding Voltage (V)	Impedance of Dielectric (mΩ max.)	Outer Conductor	Dielectric	Inner Conductor
QAST-MM	DC~18	1.2	1000	5000	Passivated stainless steel	PEI&PTFE	Gold plated beryllium copper
QAST-MF	DC~18	1.2	1000	5000	Passivated stainless steel	PTFE	Gold plated beryllium copper
QAST-FM	DC~18	1.2	1000	5000	Passivated stainless steel	PEI&PTFE	Gold plated beryllium copper
QAST-FF	DC~18	1.2	1000	5000	Passivated stainless steel	PTFE	Gold plated beryllium copper
QASTL-FF	DC~18	1.2	1000	5000	Passivated stainless steel	PTFE	Gold plated beryllium copper
QASTH-FF	DC~18	1.3	1000	5000	Passivated stainless steel	PTFE	Gold plated beryllium copper
QASTH-FF-1	DC~18	1.25	1000	5000	316L stainless steel	PTFE	Gold plated beryllium copper

Outline Drawings





Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order

QAST-MM - SMA (m) to TNC (m), Outline A

QAST-MF - SMA (m) to TNC (f), Outline B

QAST-FM - SMA (f) to TNC (m), Outline C

QAST-FF - SMA (f) to TNC (f), Outline D

QASTL-FF - SMA (f) to TNC (f), Flange mount, Outline E

QASTH-FF - SMA (f) to TNC (f), Bulk head, Outline F

QASTH-FF-1 - SMA (f) to TNC (f), Bulk head, Outline G

Customization is available upon request.