

QA44

4.3-10 to 4.3-10

Features:
* Low VSWR

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency: DC~6GHz
Insertion Loss: 0.1dB max. (Outline A, C, E)
Impedance of Dielectric: 5000MΩ min.
Impedance of Contact (Center): 1mΩ max.
Impedance of Contact (Outer): 1mΩ max.
(Outer): 0.25mΩ max. (Outline H, I, J)
Impedance: 50Ω

Mechanical

RF Connectors: 4.3-10
Mating Life Cycle: 500 cycles min.

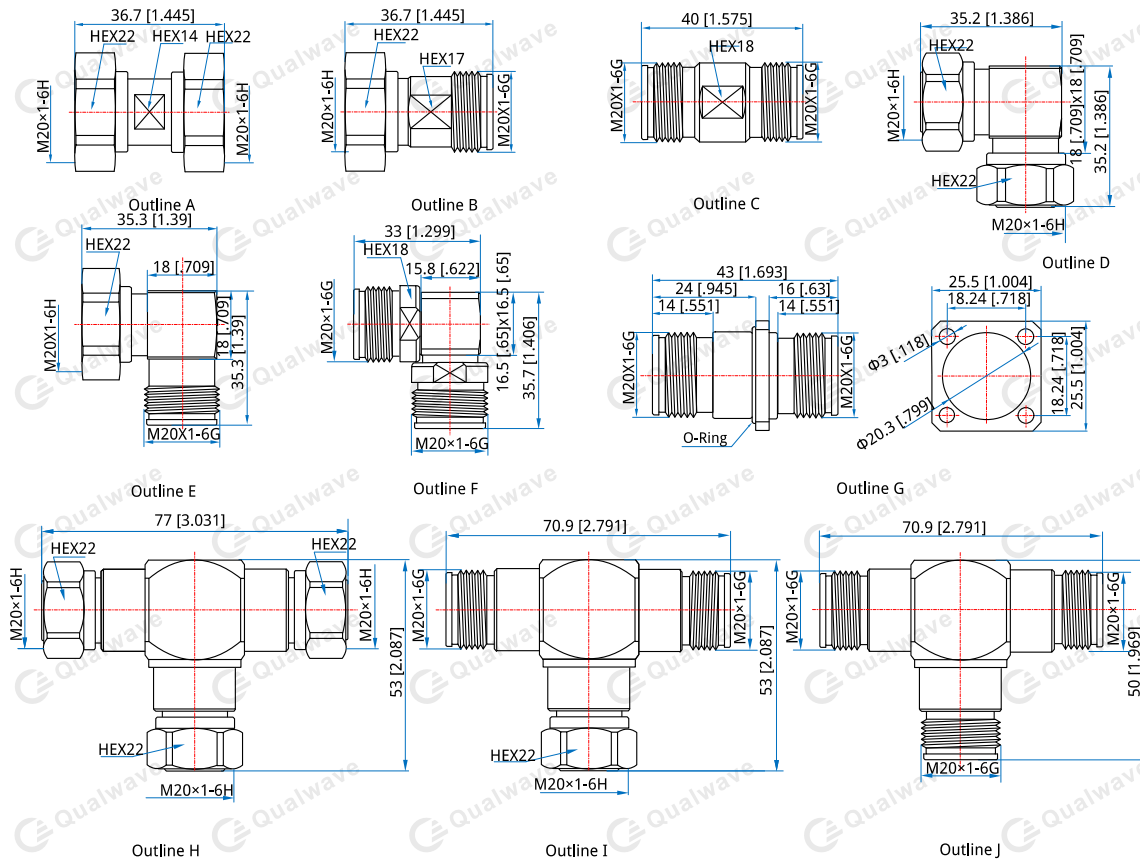
Environmental

Temperature: -45~+85°C (Outline A, B, C, E)
-45~+125°C

Specifications

Model	Frequency (GHz)	VSWR (max.)	Dielectric Withstanding Voltage (V min.)	Working Voltage (V max.)	Inter-modulation 3 rd (dBc max.)	Outer Conductor	Dielectric	Inner Conductor
QA44-MM	DC~6	1.2	1500	1000	-155	Ternary alloy plated brass	PTFE	Silver plated brass
QA44-MF	DC~6	1.2	1500	1000	-160	Ternary alloy plated brass	PTFE	Silver plated brass
QA44-FF	DC~6	1.2	1500	1000	-155	Ternary alloy plated brass	PTFE	Silver plated phosphorus copper
QA44R-MM	DC~6	1.15@DC~3GHz, 1.25@3~6GHz	2500	1500	-	Ternary alloy plated brass	PTFE	Silver plated brass
QA44R-MF	DC~6	1.2	1500	1000	-155	Ternary alloy plated brass	PTFE	Silver plated brass
QA44R-FF	DC~6	1.15@DC~3GHz, 1.3@3~6GHz	2500	1500	-	Ternary alloy plated brass	PTFE	Silver plated brass
QA44L-FF	DC~6	1.1@DC~3GHz, 1.2@3~6GHz	1500	1000	-	Nickel plated brass	PTFE	Silver plated brass
QA444-MMM	DC~3	-	1500	-	-	Ternary alloy plated brass	PTFE	Silver plated brass
QA444-FMF	DC~3	-	1500	-	-	Ternary alloy plated brass	PTFE	Silver plated brass
QA444-FFF	DC~3	-	1500	-	-	Ternary alloy plated brass	PTFE	Silver plated brass

Outline Drawings



Unit: mm [in]

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

How To Order

QA44-MM - 4.3-10 (m) to 4.3-10 (m), Outline A

QA44-MF - 4.3-10 (m) to 4.3-10 (f), Outline B

QA44-FF - 4.3-10 (f) to 4.3-10 (f), Outline C

QA44R-MM - 4.3-10 (m) to 4.3-10 (m) right angle, Outline D

QA44R-MF - 4.3-10 (m) to 4.3-10 (f) right angle, Outline E

QA44R-FF - 4.3-10 (f) to 4.3-10 (f) right angle, Outline F

QA44L-FF - 4.3-10 (f) to 4.3-10 (f) flange mount, Outline G

QA444-MMM - 4.3-10 (m) to 4.3-10 (m) to 4.3-10 (m), Outline H

QA444-FMF - 4.3-10 (f) to 4.3-10 (m) to 4.3-10 (f), Outline I

QA444-FFF - 4.3-10 (f) to 4.3-10 (f) to 4.3-10 (f), Outline J

Customization is available upon request.