

QA77

7/16 DIN (L29) to 7/16 DIN (L29)

Features:

* Low VSWR

Applications:

* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~6GHz
Dielectric Withstanding Voltage:	4000V RMS, 50Hz, at sea level, min.
Working Voltage:	2700V RMS, 50Hz, at sea level, max.
Impedance:	50Ω

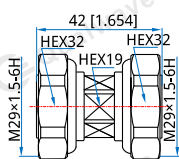
Mechanical

RF Connectors:	7/16 DIN (L29)
Mating Life Cycle:	500 cycles min.
Outer Conductor:	Nickel plated brass (Outline A, B) Ternary alloy plated brass
Dielectric:	PTFE
Inner Conductor:	Silver plated brass

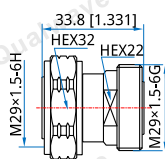
Environmental

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

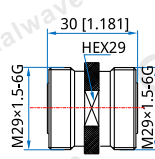
Model	Frequency (GHz)	VSWR (max.)	Insertion Loss (dB max.)	Inter-modulation 3 rd (dBc max.)	Impedance of Dielectric (MΩ min.)	Impedance of Contact (Center) (mΩ max.)	Impedance of Contact (Outer) (mΩ max.)
QA77-MM	DC~6	1.2	-	-	10000	1.5	0.4
QA77-MF	DC~6	1.2	-	-155@2x20W	10000	0.4	1.0
QA77-FF	DC~6	1.05@DC-3GHz 1.2@3-6GHz	-	-155	5000	1.0	1.5
QA77R-MF	DC~6	1.15@DC-3GHz 1.4@3-6GHz	-	-155	10000	0.4	1.0
QA77R-MM	DC~6	1.15@DC-3GHz 1.4@3-6GHz	0.15	-155	10000	0.4	1.0
QA77L-FF	DC~6	1.05@DC-3GHz 1.2@3-6GHz	-	-155	5000	1.0	1.5
QA77H-FF	DC-6	1.2	-	-155	5000	0.4	1.0
QA777-FMF	DC~3	-	-	-155@2x20W	5000	0.4	1.0
QA777-FFF	DC~3	-	-	-155@2x20W	5000	0.4	1.0
QA777-MMM	DC~3	-	-	-155@2x20W	5000	0.4	1.0
QA777-MMF	DC~3	-	-	-155@2x20W	5000	0.4	1.0
QA777-MFM	DC~3	-	-	-155@2x20W	5000	0.4	1.0
QA777-MFF	DC~3	-	-	-155@2x20W	5000	0.4	1.0

Outline Drawings


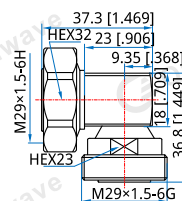
Outline A



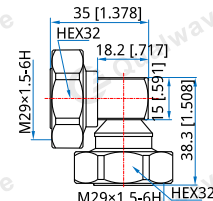
Outline B



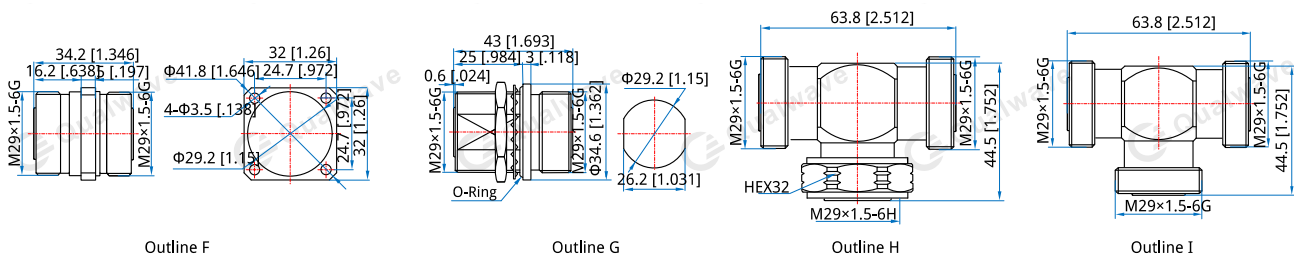
Outline C



Outline D



Outline E



Unit: mm [in]

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

How To Order

QA77-MM - 7/16 DIN (L29) (m) to 7/16 DIN (L29) (m), Outline A

QA77-MF - 7/16 DIN (L29) (m) to 7/16 DIN (L29) (f), Outline B

QA77-FF - 7/16 DIN (L29) (f) to 7/16 DIN (L29) (f), Outline C

QA77R-MF - 7/16 DIN (L29) (m) to 7/16 DIN (L29) (f) right angle, Outline D

QA77R-MM - 7/16 DIN (L29) (m) to 7/16 DIN (L29) (m) right angle, Outline E

QA77L-FF - 7/16 DIN (L29) (f) to 7/16 DIN (L29) (f), Flange mount, Outline F

QA77H-FF - 7/16 DIN (L29) (f) to 7/16 DIN (L29) (f), Bulk head, Outline G

QA777-FMF - 7/16 DIN (L29) (f) to 7/16 DIN (L29) (m) to 7/16 DIN (L29) (f), Outline H

QA777-FFF - 7/16 DIN (L29) (f) to 7/16 DIN (L29) (f) to 7/16 DIN (L29) (f), Outline I

QA777-MMM - 7/16 DIN (L29) (m) to 7/16 DIN (L29) (m) to 7/16 DIN (L29) (m)

QA777-MMF - 7/16 DIN (L29) (m) to 7/16 DIN (L29) (m) to 7/16 DIN (L29) (f)

QA777-MFM - 7/16 DIN (L29) (m) to 7/16 DIN (L29) (f) to 7/16 DIN (L29) (m)

QA777-MFF - 7/16 DIN (L29) (m) to 7/16 DIN (L29) (f) to 7/16 DIN (L29) (f)

Customization is available upon request.