

FA7L

7/16 DIN (L29) to L27

Features:
* Low VSWR

Applications:
* Wireless
* Radar
* Instruments
* Electronics

Electrical

Frequency:	DC~6GHz
Impedance of Dielectric:	5000MΩ min. (Outline B) 10000MΩ min.
Impedance of Contact (Center):	0.4mΩ max. (7/16 DIN (L29)) 5mΩ max. (L27)
Impedance of Contact (Outer):	0.2mΩ max. (7/16 DIN (L29)) 5mΩ max. (L27)
Impedance:	50Ω

Mechanical

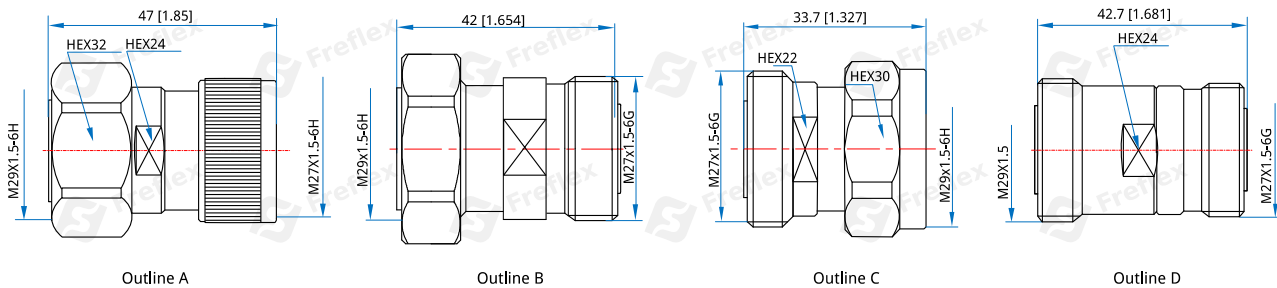
RF Connector:	7/16 DIN (L29) L27
Mating Life Cycle:	500 cycles min.

Environmental

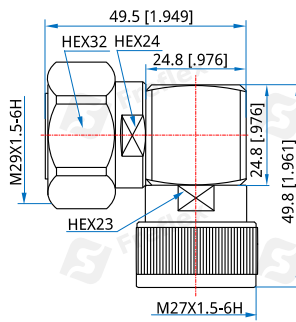
Temperature:	-55~+165°C (Outline B) -45~+125°C
--------------	--------------------------------------

Model	Frequency (GHz)	VSWR (max.)	Dielectric Withstanding Voltage (V min.)	Outer Conductor	Dielectric	Inner Conductor
FA7L-MM	DC~6	1.3	3000	Nickel plated brass	PTFE	Silver plated brass
FA7L-MF	DC~6	1.2	1000	Ternary alloy plated brass	PTFE	Silver plated beryllium copper
FA7L-FM	DC~6	1.2	3000	Nickel plated brass	PTFE	Silver plated brass
FA7L-FF	DC~6	1.3	3000	Nickel plated brass	PTFE	Silver plated brass
FA7LR-MM	DC~3	1.25	3000	Nickel plated brass	PTFE	Silver plated brass
FA7LR-MF	DC~3	1.25	3000	Nickel plated brass	PTFE	Silver plated brass
FA7LR-FM	DC~3	1.25	3000	Nickel plated brass	PTFE	Silver plated brass
FA7LR-FF	DC~3	1.25	3000	Nickel plated brass	PTFE	Silver plated brass

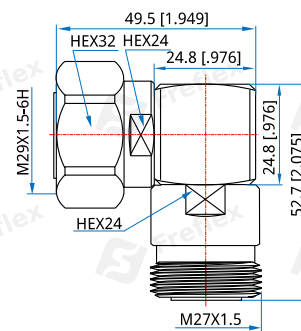
Outline Drawings



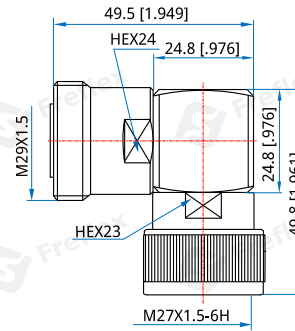
Coaxial Adapters



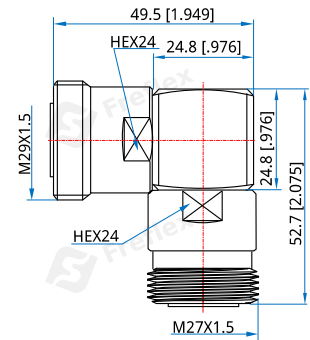
Outline E



Outline F



Outline G



Outline H

Unit: mm [in]

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

How To Order

FA7L-MM - 7/16 DIN (L29) (m) to L27 (m), Outline A

FA7L-MF - 7/16 DIN (L29) (m) to L27 (f), Outline B

FA7L-FM - 7/16 DIN (L29) (f) to L27 (m), Outline C

FA7L-FF - 7/16 DIN (L29) (f) to L27 (f), Outline D

FA7LR-MM - 7/16 DIN (L29) (m) to L27 (m) right angle, Outline E

FA7LR-MF - 7/16 DIN (L29) (m) to L27 (f) right angle, Outline F

FA7LR-FM - 7/16 DIN (L29) (f) to L27 (m) right angle, Outline G

FA7LR-FF - 7/16 DIN (L29) (f) to L27 (f) right angle, Outline H

Customization is available upon request.