

FALL L27 to L27

Features:
* Low VSWR

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency: DC~6GHz
Impedance of Contact (Center): 5mΩ max.
Impedance of Contact (Outer): 5mΩ max.
Impedance: 50Ω

Environmental

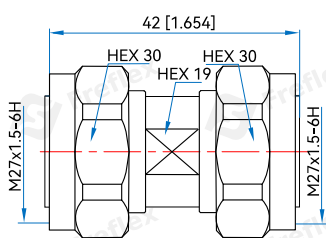
Temperature: -45~+125°C

Mechanical

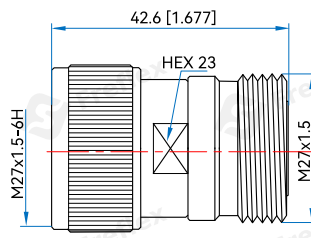
RF Connectors: L27
ROHS Compliant: Full ROHS compliance
Outer Conductor: Ternary alloy plated brass (only FALL-MM)
Nickel plated brass (other)
Dielectric: PTFE
Inner Conductor: Silver plated brass
Connection sleeve: Nickel plated brass

Model	Frequency	VSWR	Dielectric Withstanding Voltage	Working Voltage	Impedance of Dielectric	Mating Life Cycle
	(GHz)	(max.)	(V RMS, 50Hz, at sea level)	(V RMS, 50Hz, at sea level, max.)	(MΩ min.)	(cycles min.)
FALL-MM	DC~6	1.3	3000	-	5000	500
FALL-MF	DC~4	1.2 @0.5-2GHz 1.3 @2-4GHz	-	1500	10000	1000
FALL-FF	DC~6	1.3	3000	-	5000	500
FALLR-MM	DC~4	1.2 @0.5-2GHz 1.3 @2-4GHz	-	1500	10000	1000
FALLR-MF	DC~4	1.3 @0.5-2GHz 1.4 @2-4GHz	-	1500	10000	1000
FALLR-FF	DC~4	1.2 @0.5-2GHz 1.3 @2-4GHz	-	1500	10000	1000
FALLL-FF	DC~3	1.2	4000	2700	5000	500

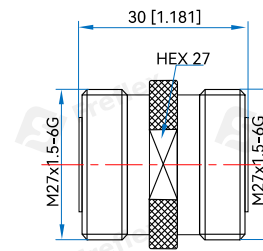
Outline Drawings



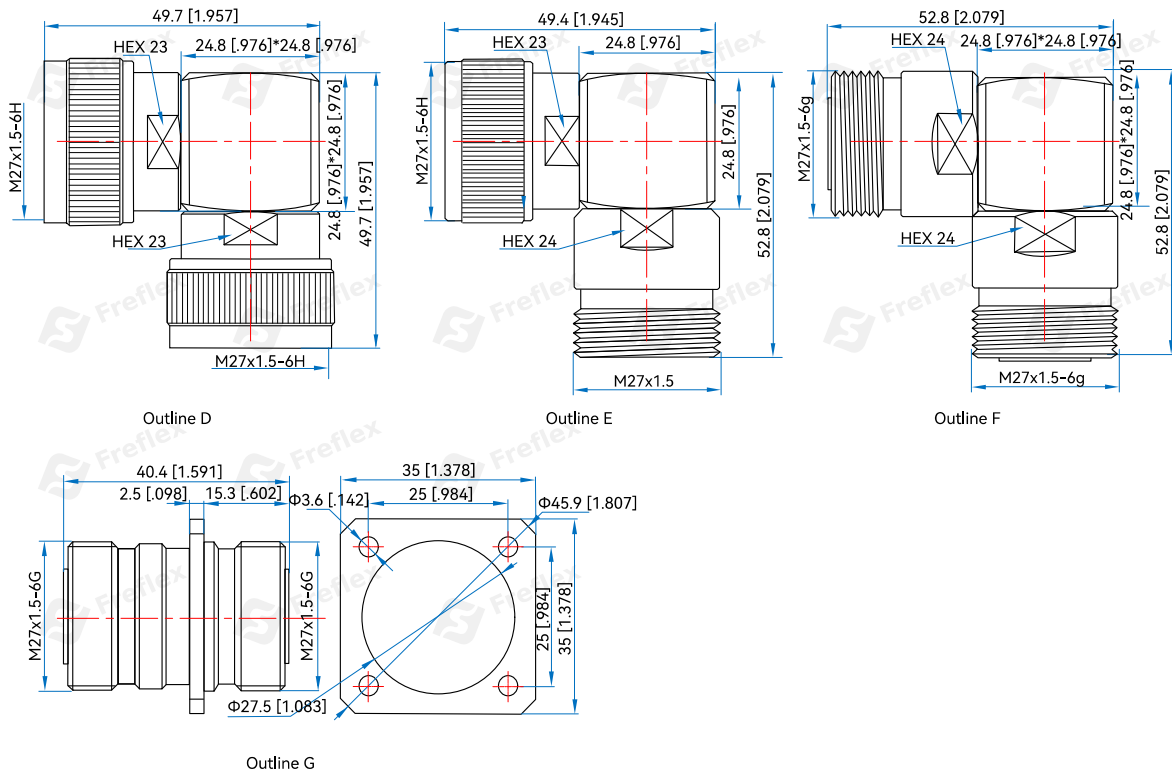
Outline A



Outline B



Outline C



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

How To Order

- FALL-MM** - L27 (m) to L27 (m), Outline A
- FALL-MF** - L27 (m) to L27 (f), Outline B
- FALL-FF** - L27 (f) to L27 (f), Outline C
- FALLR-MM** - L27 (m) to L27 (m) right angle, Outline D
- FALLR-MF** - L27 (m) to L27 (f) right angle, Outline E
- FALLR-FF** - L27 (f) to L27 (f) right angle, Outline F
- FALLL-FF** - L27 (f) to L27 (f), Flange mount, Outline G

Customization is available upon request.