FAN7

N to 7/16 DIN (L29)

Features:
* Low VSWR

Applications:
* Wireless
* Transmitter
* Laboratory Test
* Radar

Electrical

Frequency:	DC~6GHz
Inter-modulation 3rd:	-155dBc max.
Impedance of Dielectric:	5000MΩ min.
Impedance of Contact (Center):	1.5mΩ max. (7/16 DIN (L29)) 1mΩ max. (N)
Impedance of Contact (Outer):	0.4mΩ max. (7/16 DIN (L29)) 0.2mΩ max. (N) 0.25mΩ max. (N with flange mount)
Impedance:	50Ω

Model	VSWR (max.)	Dielectric Withstanding Voltage (V min.)*1	Working Voltage (V max.)*1
FAN7-MM	1.1 @DC~3GHz 1.2 @3~6GHz	2500	2700
FAN7-MF	1.1 @DC~3GHz 1.2 @3~6GHz	2500	2700
FAN7-FM	1.1 @DC~3GHz 1.2 @3~6GHz	2500	2700
FAN7-FF	1.1 @DC~3GHz 1.2 @3~6GHz	2500	2700
FAN7R-FM	1.3	2500	-
FAN7L-FF	1.25	3000	-

[1] RMS, 50Hz, at sea level.

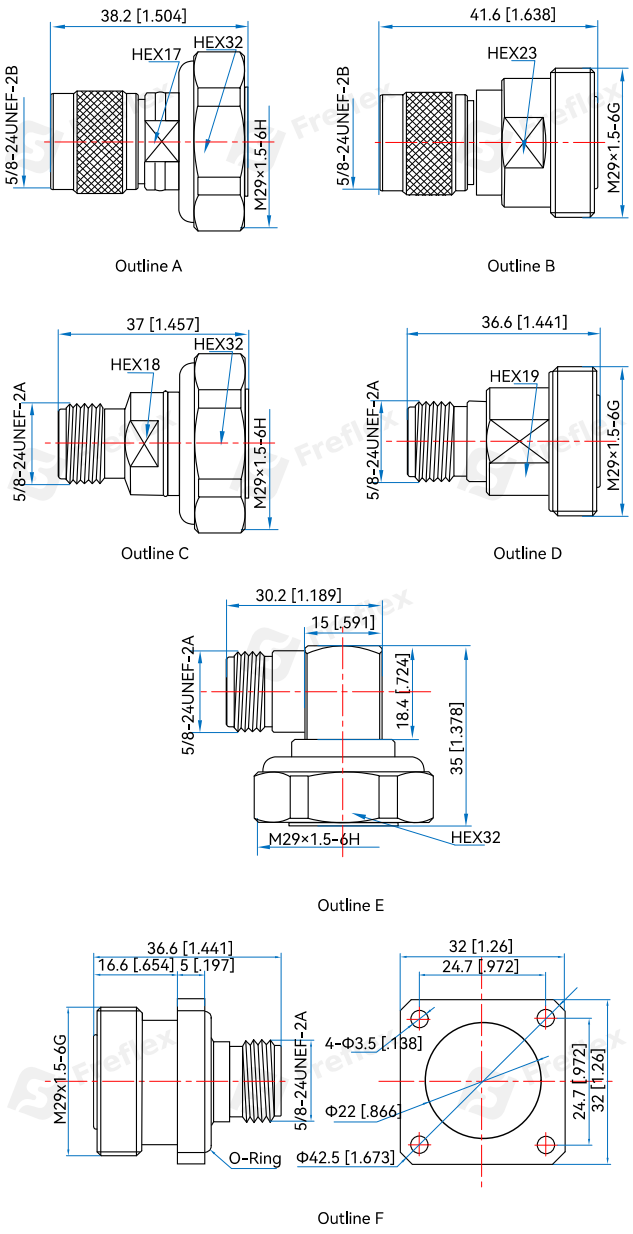
Mechanical

RF Connectors:	N 7/16 DIN (L29)
Mating Life Cycle:	500 cycles min.
ROHS Compliant:	Full ROHS compliance
Outer Conductor:	Ternary alloy plated brass
Dielectric:	PTFE
Inner Conductor:	Silver plated brass
Connection sleeve:	Nickel plated brass

Environmental

Temperature:	-45~+125°C

Outline Drawings



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

How To Order

FAN7-MM - N (m) to 7/16 DIN (L29) (m), Outline A
FAN7-MF - N (m) to 7/16 DIN (L29) (f), Outline B
FAN7-FM - N (f) to 7/16 DIN (L29) (m), Outline C
FAN7-FF - N (f) to 7/16 DIN (L29) (f), Outline D
FAN7R-FM - N (f) to 7/16 DIN (L29) (m) right angle, Outline E
FAN7L-FF - N (f) to 7/16 DIN (L29) (f), flange mount, Outline F

Customization is available upon request.