

# FCN-FL4G-M

## N Connector, DC~18GHz

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Radar  
\* Instruments  
\* Electronics

### Electrical

Frequency:	DC~18GHz
VSWR:	1.15 max.
Impedance of Dielectric:	5000MΩ min.
Impedance of Inner Conductor:	1mΩ max.
Impedance of Outer Conductor:	0.2mΩ max.
Voltage Withstand:	1500V DC
Impedance:	50Ω

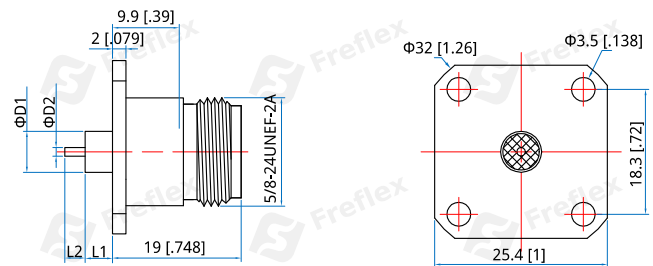
### Mechanical

RF Connector:	N Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold Plated Beryllium Copper

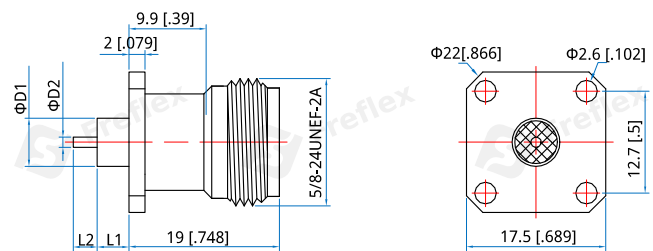
### Environmental

Temperature:	-55~+165°C
--------------	------------

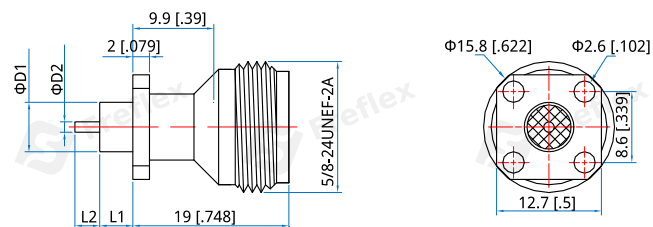
### Outline Drawings



Part Number	ΦD1	ΦD2	L1	L2
FCN-FL4G-M127-01	6 [0.236]	1.27 [0.05]	4 [0.158]	2 [0.079]



Part Number	ΦD1	ΦD2	L1	L2
FCN-FL4G-M127-02	6 [0.236]	1.27 [0.05]	4 [0.158]	2 [0.079]



Part Number	ΦD1	ΦD2	L1	L2
FCN-FL4G-M127-03	6 [0.236]	1.27 [0.05]	4 [0.158]	2 [0.079]

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