

# QCN-FL4G-S-01

## 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

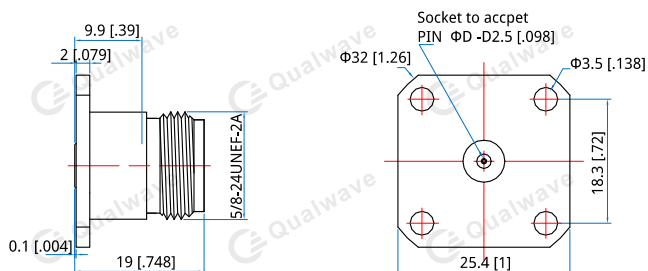
### Mechanical

RF Connector:	N Female
Mating Life Cycle:	500 cycles
Outer Conductor:	Passivated SUS303 Stainless Steel
Dielectric:	PEI & PTFE
Inner Conductor:	Gold Plated Beryllium Copper
Accept PIN:	ΦDmm, depth 2.5mm max.

### Environmental

Temperature:	-55~+165°C
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### Outline Drawings



Size	D		
mm	0.46	0.51	0.91
in	0.018	0.02	0.036

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

### How To Order

**QCN-FL4G-S46-01** - ΦD: Φ0.46mm

**QCN-FL4G-S51-01** - ΦD: Φ0.51mm

**QCN-FL4G-S91-01** - ΦD: Φ0.91mm

Customization is available upon request.