

## FALCLC

### LC to LC

Features:  
\* Low VSWR

Applications:  
\* Wireless  
\* Transmitter  
\* Laboratory Test  
\* Radar

#### Electrical

|                                  |                                                                 |
|----------------------------------|-----------------------------------------------------------------|
| Frequency:                       | DC~4GHz                                                         |
| VSWR:                            | 1.2 max. (Outline A, B, C)                                      |
| Dielectric Withstanding Voltage: | 3500V RMS, 50Hz, at sea level                                   |
| Impedance of Dielectric:         | 5000MΩ min. (Outline A, B, C)<br>10000MΩ min. (Outline D, E, F) |
| Impedance:                       | 50Ω                                                             |

#### Mechanical

|                    |                                                                        |
|--------------------|------------------------------------------------------------------------|
| RF Connectors:     | LC                                                                     |
| Mating Life Cycle: | 100 cycles min. (Outline D, E, F)<br>500 cycles min. (Outline A, B, C) |
| ROHS Compliant:    | Full ROHS compliance                                                   |
| Outer Conductor:   | Nickel plated brass                                                    |
| Dielectric:        | PTFE                                                                   |
| Inner Conductor:   | Silver plated brass                                                    |
| Connection Sleeve: | Nickel plated brass                                                    |

#### Environmental

|              |                                                             |
|--------------|-------------------------------------------------------------|
| Temperature: | -55~+85°C (Outline D, E, F)<br>-45~+125°C (Outline A, B, C) |
|--------------|-------------------------------------------------------------|

#### How To Order

**FALCLC-MM** - LC (m) to LC (m), Outline A

**FALCLC-MF** - LC (m) to LC (f), Outline B

**FALCLC-FF** - LC (f) to LC (f), Outline C

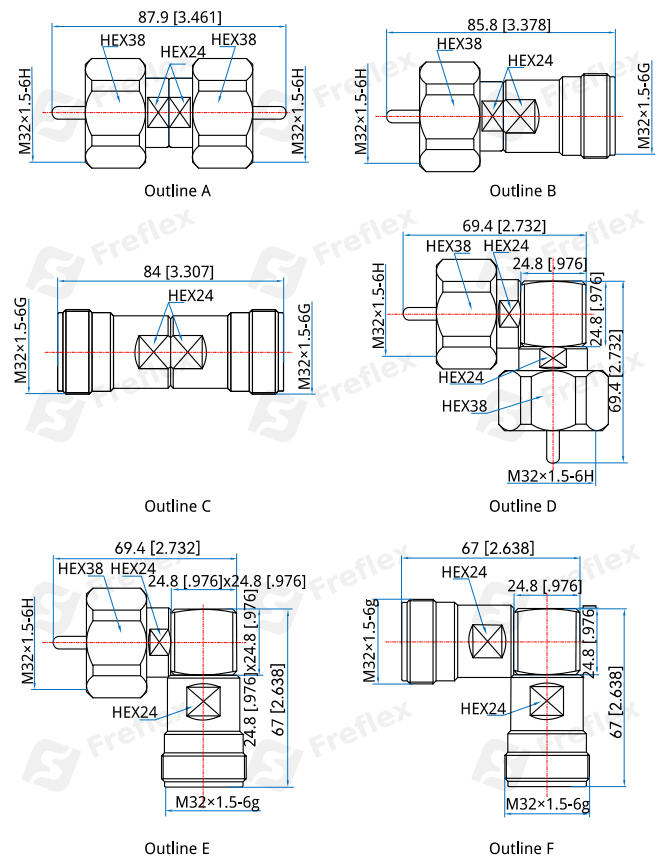
**FALCLCR-MM** - LC (m) to LC (m) right angle, Outline D

**FALCLCR-MF** - LC (m) to LC (f) right angle, Outline E

**FALCLCR-FF** - LC (f) to LC (f) right angle, Outline F

Customization is available upon request.

#### Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]