

# FSP44

## 4.3-10 to 4.3-10

Features:  
\* Broadband

Applications:  
\* Any Applications

### Electrical

Frequency:	DC~3GHz
VSWR:	1.2 max.
RF Power Transmission:	400W
Dielectric Withstanding Voltage:	2500V RMS, 50Hz, at sea level, min.
Working Voltage (DC):	230V* <sup>1</sup>
Lightning Surge Current:	10kA
Ground Wire Diameter:	4 mm <sup>2</sup> max.
Impedance of Dielectric:	5000MΩ min.
Impedance of Contact (Center):	1mΩ max.
Impedance of Contact (Outer):	1mΩ max.
Impedance:	50Ω

[1] Default 230V, available for 90V, 150V, 350V and 600V.

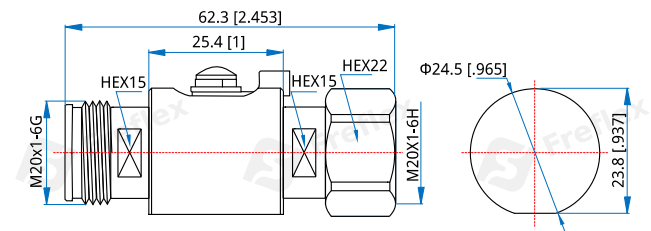
### Mechanical

RF Connector:	4.3-10
Mating Life Cycle:	500 cycles min.
Outer Conductor:	Nickel plated brass
Dielectric:	PTFE
Inner Conductor:	Gold plated brass

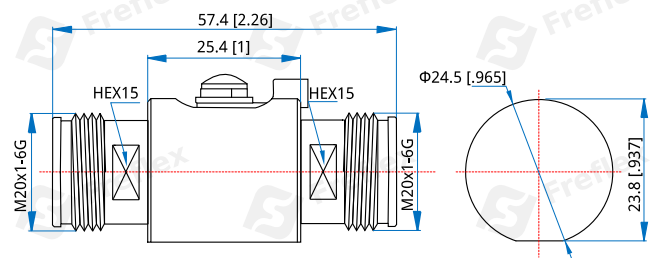
### Environmental

Temperature:	-45~+125°C
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### Outline Drawings



Outline A



Outline B

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

### How To Order

**FSP44-MF-03** - 4.3-10(m) to 4.3-10(f), DC~3GHz, Outline A

**FSP44-FF-03** - 4.3-10(f) to 4.3-10(f), DC~3GHz, Outline B

Customization is available upon request.