

NSPFF

F to F

Features:
* Broadband

Applications:
* Any Applications

Electrical

| | |
|----------------------------------|------------------------------------|
| Frequency: | DC~3GHz |
| VSWR: | 1.2 max. |
| Insertion Loss: | 0.25dB max. |
| RF Power Transmission: | 200W |
| Dielectric Withstanding Voltage: | 500V RMS, 50Hz, at sea level, min. |
| Working Voltage (DC): | 230V*1 |
| Lightning Surge Current: | 20kA |
| Ground Wire Diameter: | 8 mm ² max. |
| Impedance of Dielectric: | 1000MΩ min. |
| Impedance: | 75Ω |

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

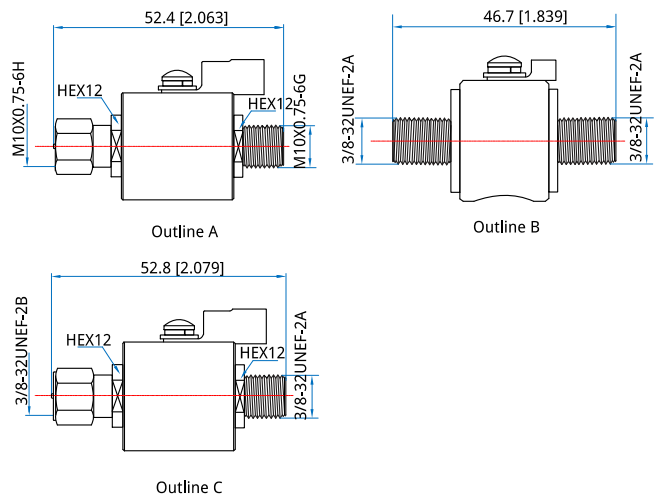
Mechanical

| | |
|--------------------|----------------------------|
| RF Connector: | F |
| Mating Life Cycle: | 500 cycles min. |
| Outer Conductor: | Ternary alloy plated brass |
| Dielectric: | PTFE |
| Inner Conductor: | Gold plated brass |
| Gaskets: | Stainless steel |

Environmental

| | |
|---------------------------------|--------------------|
| Temperature: | -40~+85°C |
| Ingress Protection (IP) Rating: | IP 67 |
| Relative Humidity: | 95% max. @25°C±2°C |

Outline Drawings



Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

How To Order

NSPFF-MF-03-MT - F(m) Metric Thread to F (f) Metric Thread, DC~3GHz, Outline A

NSPFF-FF-03-IT - F (f) Inch Thread to F (f) Inch Thread, DC~3GHz, Outline B

NSPFF-MF-03-IT - F (m) Inch Thread to F (f) Inch Thread, DC~3GHz, Outline C

Customization is available upon request.