

# FAA6Y

## 3-1/8" (IF110) to HN

Features:  
\* Low VSWR

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

### Electrical

Frequency:	DC~3GHz
VSWR:	1.07@DC~1000MHz max. 1.15@1000~2500MHz max.
Dielectric Withstanding Voltage:	6000V RMS, 50Hz, at sea level, min.
Impedance of Dielectric:	5000MΩ min.
Impedance of Contact (Center):	1.5mΩ max.
Impedance of Contact (Outer):	1.5mΩ max.
Average Power:	2.3KW@900MHz
Peak Power:	20KW max.
Impedance:	50Ω

### Mechanical

RF Connectors:	3-1/8" (IF110) HN
Mating Life Cycle:	100 cycles min.
ROHS Compliant:	Full ROHS compliance
Outer Conductor:	Nickel plated brass
Dielectric:	PTFE
Inner Conductor:	Silver plated brass
Waterproof:	With O-Ring

### Environmental

Temperature:	-55~+85°C
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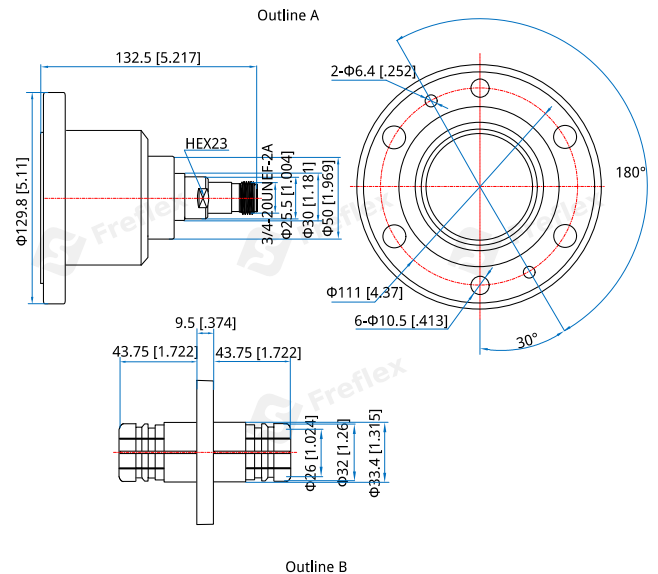
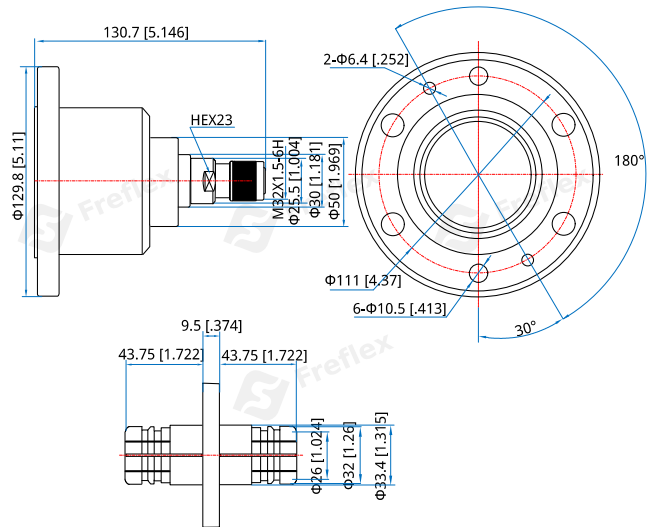
### How To Order

**FAA6Y-M** - 1-5/8" (IF110) to HN (m), Outline A

**FAA6Y-F** - 1-5/8" (IF110) to HN (f), Outline B

Customization is available upon request.

### Outline Drawings



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