

F090BCS2



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types UG-39/U and CPR90G, 600 mm

Product Classification

| | |
|---------------|---------------------------------------|
| Product Type | Rectangular waveguide, flexible twist |
| Product Brand | FlexTwist® |

General Specifications

| | |
|-------------|----------------|
| Component | Flexible Twist |
| Interface | UG-39/U |
| Interface 2 | CPR90G |

Dimensions

| | |
|----------------|--------------------|
| Length | 600 mm 23.622 in |
| Waveguide Size | WR90 WG16 R100 |

Electrical Specifications

| | |
|--------------------------|-------------------------|
| Attenuation | 0.43 dB/m 0.131 dB/ft |
| Average Power | 960 W |
| Operating Frequency Band | 8.2 – 12.4 GHz |
| Peak Power | 180 kW |
| VSWR | 1.1 |

Mechanical Specifications

| | |
|-----------------------------------------------|-----------------------|
| Minimum Bend Radius, Multiple Bends (E Plane) | 64 mm 2.52 in |
| Minimum Bend Radius, Multiple Bends (H Plane) | 127 mm 5 in |
| Maximum Twist | 310 °/m 94.488 °/ft |
| Pressurization, maximum | 0.31 N/mm² 45 psi |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--------------------------------------------------------------------------------------------------------------------------|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.andrew.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

