

F112BK3



FlexTwist® Flexible Twist for WR112, 7.125–8.5 GHz, with interface types UG-51/U and PBR84, 900 mm

Product Classification

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

General Specifications

| | |
|--------------------|----------------|
| Component | Flexible Twist |
| Interface | UG-51/U |
| Interface 2 | PBR84 |

Dimensions

| | |
|-----------------------|--------------------|
| Length | 900 mm 35.433 in |
| Waveguide Size | WR112 WG15 R84 |

Electrical Specifications

| | |
|---------------------------------|------------------------|
| Attenuation | 0.4 dB/m 0.122 dB/ft |
| Average Power | 1260 W |
| Operating Frequency Band | 7.125 – 8.5 GHz |
| Peak Power | 315 kW |
| VSWR | 1.04 |

Mechanical Specifications

| | |
|--|----------------------------------|
| Minimum Bend Radius, Multiple Bends (E Plane) | 76 mm 2.992 in |
| Minimum Bend Radius, Multiple Bends (H Plane) | 152 mm 5.984 in |
| Maximum Twist | 264 °/m 80.467 °/ft |
| Pressurization, maximum | 0.241 N/mm ² 35 psi |

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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.commscope.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant/Exempted

