

F187LLS3



FlexTwist® Flexible Twist for WR187, 3.95–5.85 GHz, with interface types UDR48 and UDR48, 900 mm

Product Classification

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

General Specifications

| | |
|--------------------|----------------|
| Component | Flexible Twist |
| Interface | UDR48 |
| Interface 2 | UDR48 |

Dimensions

| | |
|-----------------------|--------------------|
| Length | 900 mm 35.433 in |
| Waveguide Size | WR187 WG12 R48 |

Electrical Specifications

| | |
|---------------------------------|-------------------------|
| Attenuation | 0.17 dB/m 0.052 dB/ft |
| Average Power | 3000 W |
| Operating Frequency Band | 3.95 – 5.85 GHz |
| Peak Power | 1250 kW |
| VSWR | 1.1 |

Mechanical Specifications

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|--|----------------------------------|
| Minimum Bend Radius, Multiple Bends (E Plane) | 165 mm 6.496 in |
| Minimum Bend Radius, Multiple Bends (H Plane) | 330 mm 12.992 in |
| Maximum Twist | 165 °/m 50.292 °/ft |
| Pressurization, maximum | 0.207 N/mm ² 30 psi |

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Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS

Above maximum concentration value

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system

ROHS

Compliant/Exempted

UK-ROHS

Compliant/Exempted

