

F090CLS3



FlexTwist® Flexible Twist for WR90, 8.2–12.4 GHz, with interface types CPR90G and UDR100, 900 mm

Product Classification

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

General Specifications

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|--------------------|----------------|
| Component | Flexible Twist |
| Interface | CPR90G |
| Interface 2 | UDR100 |

Dimensions

| | |
|-----------------------|--------------------|
| Length | 900 mm 35.433 in |
| Waveguide Size | WR90 WG16 R100 |

Electrical Specifications

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|---------------------------------|-------------------------|
| 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

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|--|---------------------------------|
| 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/mm ² 45 psi |

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Regulatory Compliance/Certifications

Agency

ISO 9001:2015

**Classification**

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