F090CHB3



FlexTwist® Flexible Twist for WR90, 10.7–11.7 GHz, with interface types CPR90G and PDR100, 900 mm

| Product Classification | |
|---|---------------------------------------|
| Product Type | Rectangular waveguide, flexible twist |
| Product Brand | FlexTwist® |
| General Specifications | |
| Component | Flexible Twist |
| Interface | CPR90G |
| Interface 2 | PDR100 |
| Dimensions | |
| Length | 900 mm 35.433 in |
| Waveguide Size | WR90 WG16 R100 |
| Electrical Specifications | |
| Attenuation | 0.43 dB/m 0.131 dB/ft |
| Average Power | 960 W |
| Operating Frequency Band | 10.7 – 11.7 GHz |
| Peak Power | 180 kW |
| VSWR | 1.05 |
| 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

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0.31 N/mm² | 45 psi



Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS ISO 9001:2015

REACH-SVHC

ROHS

UK-ROHS



Below maximum concentration value Designed, manufactured and/or distributed under this quality management system Compliant as per SVHC revision on www.commscope.com/ProductCompliance Compliant

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