

F137CHS2



FlexTwist® Flexible Twist for WR137, 5.85–8.2 GHz, with interface types CPR137G and PDR70, 600 mm

Product Classification

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

General Specifications

| | |
|--------------------|----------------|
| Component | Flexible Twist |
| Interface | CPR137G |
| Interface 2 | PDR70 |

Dimensions

| | |
|-----------------------|--------------------|
| Length | 600 mm 23.622 in |
| Waveguide Size | WR137 WG14 R70 |

Electrical Specifications

| | |
|---------------------------------|------------------------|
| Attenuation | 0.3 dB/m 0.091 dB/ft |
| Average Power | 2000 W |
| Operating Frequency Band | 5.85 – 8.2 GHz |
| Peak Power | 500 kW |
| VSWR | 1.1 |

Mechanical Specifications

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|--|----------------------------------|
| Minimum Bend Radius, Multiple Bends (E Plane) | 102 mm 4.016 in |
| Minimum Bend Radius, Multiple Bends (H Plane) | 204 mm 8.031 in |
| Maximum Twist | 214 °/m 65.227 °/ft |
| Pressurization, maximum | 0.207 N/mm ² 30 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

