F137HLS3



FlexTwist® Flexible Twist for WR137, 5.85–8.2 GHz, with interface types PDR70 and UDR70, 900 mm

| Product Classification | | |
|---|---------------------------------------|--|
| Product Type | Rectangular waveguide, flexible twist | |
| Product Brand | FlexTwist® | |
| General Specifications | | |
| Component | Flexible Twist | |
| Interface | PDR70 | |
| Interface 2 | UDR70 | |
| Dimensions | | |
| Length | 900 mm 35.433 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 | | |
| 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

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0.207 N/mm² | 30 psi



F137HLS3

Regulatory Compliance/Certifications

| Agency | |
|--------|--|
|--------|--|

Classification

| Agency | olassineation |
|---------------|--|
| 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 |
| | |

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