

F137HLS5



FlexTwist® Flexible Twist for WR137, 5.85–8.2 GHz, with interface types PDR70 and UDR70, 1200 mm

Product Classification

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

General Specifications

| | |
|-------------|----------------|
| Component | Flexible Twist |
| Interface | PDR70 |
| Interface 2 | UDR70 |

Dimensions

| | |
|----------------|---------------------|
| Length | 1200 mm 47.244 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 | 0.207 N/mm² 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.andrew.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

