

F112HLC3



FlexTwist® Flexible Twist for WR112, 7.125–8.5 GHz, with interface types PDR84 and UDR84, 900 mm

Product Classification

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

General Specifications

| | |
|-------------|----------------|
| Component | Flexible Twist |
| Interface | PDR84 |
| Interface 2 | UDR84 |

Dimensions

| | |
|----------------|--------------------|
| Length | 900 mm 35.433 in |
| Waveguide Size | WR112 WG15 R84 |

Electrical Specifications

| | |
|--------------------------|------------------------|
| Attenuation | 0.4 dB/m 0.122 dB/ft |
| Average Power | 1260 W |
| Operating Frequency Band | 7.125 – 8.5 GHz |
| Peak Power | 315 kW |
| VSWR | 1.05 |

Mechanical Specifications

| | |
|---|-----------------------|
| Minimum Bend Radius, Multiple Bends (E Plane) | 76 mm 2.992 in |
| Minimum Bend Radius, Multiple Bends (H Plane) | 152 mm 5.984 in |
| Maximum Twist | 264 °/m 80.467 °/ft |
| Pressurization, maximum | 0.241 N/mm² 35 psi |

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Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Above 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/Exempted |
| UK-ROHS | Compliant/Exempted |

