

F075HLS5



FlexTwist® Flexible Twist for WR75, 10.0–15.0 GHz, with interface types PDR120 and UDR120, 1200 mm

Product Classification

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

General Specifications

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|--------------------|----------------|
| Component | Flexible Twist |
| Interface | PDR120 |
| Interface 2 | UDR120 |

Dimensions

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|-----------------------|---------------------|
| Length | 1200 mm 47.244 in |
| Waveguide Size | WR75 WG17 R120 |

Electrical Specifications

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|---------------------------------|------------------------|
| Attenuation | 0.59 dB/m 0.18 dB/ft |
| Average Power | 750 W |
| Operating Frequency Band | 10.0 – 15.0 GHz |
| Peak Power | 140 kW |
| VSWR | 1.13 |

Mechanical Specifications

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|--|---------------------------------|
| Minimum Bend Radius, Multiple Bends (E Plane) | 64 mm 2.52 in |
| Minimum Bend Radius, Multiple Bends (H Plane) | 115 mm 4.528 in |
| Maximum Twist | 360 °/m 109.728 °/ft |
| Pressurization, maximum | 0.31 N/mm ² 45 psi |

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Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system