## F042MMS5



FlexTwist® Flexible Twist for WR42, 17.7–26.5 GHz, with interface types UBR220 and UBR220, 1200 mm

| Product Classification                        |                                       |
|---|---------------------------------------|
| Product Type                                  | Rectangular waveguide, flexible twist |
| Product Brand                                 | FlexTwist®                            |
| General Specifications                        |                                       |
| Component                                     | Flexible Twist                        |
| Interface                                     | UBR220                                |
| Interface 2                                   | UBR220                                |
| Dimensions                                    |                                       |
| Length  | 1200 mm   47.244 in                   |
| Waveguide Size                                | WR42   WG20   R220                    |
| Electrical Specifications                     |                                       |
| Attenuation                                   | 2.62 dB/m   0.799 dB/ft               |
| Average Power                                 | 100 W                                 |
| Operating Frequency Band                      | 17.7 – 26.5 GHz                       |
| Peak Power                                    | 39 kW                                 |
| VSWR  | 1.35                                  |
| Mechanical Specifications                     |                                       |
| Minimum Bend Radius, Multiple Bends (E Plane) | 38 mm   1.496 in                      |
| Minimum Bend Radius, Multiple Bends (H Plane) | 76 mm   2.992 in                      |
| Maximum Twist                                 | 510 °/m   155.448 °/ft                |

Pressurization, maximum

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0.31 N/mm<sup>2</sup> | 45 psi

## 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   |
|               |  |

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