F075BBS3



FlexTwist® Flexible Twist for WR75, 10.0–15.0 GHz, with interface types MIL-F-3922/70-016 and MIL-F-3922/70-016, 900 mm

| Product Classification                        |                                       |
|---|---------------------------------------|
| Product Type                                  | Rectangular waveguide, flexible twist |
| Product Brand                                 | FlexTwist®                            |
| General Specifications                        |                                       |
| Component                                     | Flexible Twist                        |
| Interface                                     | MIL-F-3922/70-016                     |
| Interface 2                                   | MIL-F-3922/70-016                     |
| Dimensions                                    |                                       |
| Length  | 900 mm   35.433 in                    |
| Waveguide Size                                | WR75   WG17   R120                    |
| Electrical Specifications                     |                                       |
| 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  | 1.1                                   |
| Mechanical Specifications                     |                                       |
| 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/mm²   45 psi                   |

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## Regulatory Compliance/Certifications

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

## Classification

| Ageney        |  |
|---------------|--|
| 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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