F112HLS4



FlexTwist® Flexible Twist for WR112, 7.05–10.0 GHz, with interface types PDR84 and UDR84, 1000 mm

Product Classification

Product Type Rectangular waveguide, flexible twist

Product Brand FlexTwist®

General Specifications

Component Flexible Twist

InterfacePDR84Interface 2UDR84

Dimensions

 Length
 1000 mm | 39.37 in

 Waveguide Size
 WR112 | WG15 | R84

Electrical Specifications

Attenuation 0.4 dB/m \mid 0.122 dB/ft

Average Power 1260 W

Operating Frequency Band 7.05 – 10.0 GHz

 Peak Power
 315 kW

 VSWR
 1.13

Mechanical Specifications

Minimum Bend Radius, Multiple Bends (E Plane)76 mm | 2.992 inMinimum Bend Radius, Multiple Bends (H Plane)152 mm | 5.984 inMaximum Twist264 °/m | 80.467 °/ftPressurization, maximum0.241 N/mm² | 35 psi

COMMSCOPE®

F112HLS4

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.commscope.com/ProductCompliance

ROHS Compliant

UK-ROHS Compliant/Exempted





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