

WR10 Ortho-Mode Transducer 75-110 GHz



Name of Parameter	Specified	Measured / Provided	Compliance
Operation Frequency range, GHz:	75 + 110	75 + 110	yes
Antenna W/G Port:	2.54x2.54 mm, UG387/UM	2.54x2.54 mm, UG387/UM with floating pins	yes
V-Port:	WR-10, UG387/UM	WR-10, UG387/UM	yes
H-Port:	WR-10, UG387/UM	WR-10, UG387/UM	yes
Insertion Loss Antenna to V Port:	-	0.5dB typ., 3.5dB max.	-
Insertion Loss Antenna to H Port:	-	0.3dB typ., 1.1dB max.	-
Isolation V to H Port:	-	30dB typ., 20dB min.	-
Cross Polarization Antenna to V port:	-	29dB typ., 21dB min.	-
Cross Polarization Antenna to H port:	-	30dB typ., 20dB min.	-
Return Loss H Port:	-	20dB typ., 15dB min.	-
Return Loss V Port:	-	12dB typ., 4dB min.	-
Return Loss Antenna Port Vertical:	-	14dB typ., 6dB min.	-
Return Loss Antenna Port Horizontal:	-	20dB typ., 15dB min.	-
Material:	brass/copper	brass/copper	yes
Finish:	gold plated	gold plated	yes

further Waveguide Ortho-Mode Transducer in different Waveguide frequency ranges available, please ask.

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