

OMT Antenna

Model : 91601001

OMT is a 3 port waveguide component which separate Horizontal and Vertical polarized signal. It can be used for Feedhorn and BUC to be completed set.



SPECIFICATIONS

Item No.	91601001	
Electrical		
Frequency	Rx 10.70 ~ 12.75 GHz	Tx 13.75 ~ 14.50 GHz
VSWR	1.25 max (19.1 dB) (OMT antenna port is matched to a feed horn with diameter of 18 ~ 19 mm)	
Insertion Loss	Tx to ANT 0.2 dB max	ANT to Rx 0.4 dB max
Transmit to Receive Isolation	85 dB min.	
Receive to Transmit Isolation	40 dB min.	
X-pol. Isolation	30 dB min.	
Environment		
Temperature range	-30 °C ~ +70 °C	
Pressurization	sealed to 5 psi	
Finish	Clear or Powder coating with white RAL9002	
Weight	390 g max	