10-T20EX-OX1 | TRIPLEXER

Frequency: Band 1: 1710- 2170 MHz, Band 2: 2300-2400MHz, Band 3: 2500-2700MHz | PIM: ≤-150/-155/-160dBc

Connector: 4.3-10 Female | AISG by Pass: All Pass | Usage: Indoor&Outdoor



OVERVIEW

Bridge Multi-Band Combiner is the product to fast combine two or more different system signals and output from Comport.

Bridge combiner integrated with multi-technology to enhance the low PIM, isolation and other key parameters. Pure silver plating is guaranteed in production processing.

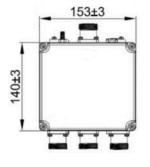
In the section of materials selection, Bridge products are all made of good and rugged materials, which make sure long product working life and stable working performance.

FEATURES

- Available for various of DC/AISG by pass configurations.
- Low PIM, high isolation and good return loss.
- Built-in lightning protection.
- Wall or pole mounting.
- DIN/4.3-10 connector type is optional.
- Single and twins type is optional.
- Cost-effective design

Product







Precise Cavity Processing





TECHNICAL DATA

TECHNICAL DATA					
Part Numbe	r				
Connector Type		Single Unit	Twin Unit		
PIM:IM3	≤-150dBc	10-T20E3-OS1	10-T20E3-OT1		
(2x43dBm)	≤-155dBc	10-T20E5-OS1	10-T20E5-OT1		
	≤-160dBc	10-T20E7-OS1	10-T20E7-OT1		
Electrical Specifications					
Frequency Rang	e Band 1	1710- 2170MHz	1710- 2170MHz		
	Band 2	2300-2400MHz			
	Band 3	2500-2700MHz			
Insertion Loss	Band 1	≤0.5dB			
	Band 2	≤0.5dB	≤0.5dB		
	Band 3	≤0.5dB	≤0.5dB		
Isolation		≥50dB			
VSWR/ Return Loss		≤ 1.2/ -19dB			
DC/AISG by Pas	s Band 1	Pass			
	Band 2	Pass			
	Band 3	Pass	Pass		
Power Rating		200W	200W		
Impedance		50Ω			
Mechanical	Specification	ns .			
Connectors		4.3-10 Female			
Dimensions	Single Unit	153 x 140 x 52n	153 x 140 x 52mm		
	Twin Unit	153 x 140 x 110mm			
Weight	Single Unit	1.7kg	1.7kg		
	Twin Unit	3.7kg			
Environmen	tal Specifica	tions			
Temperature		-30°C~+70°C			
Humidity		≤95%			
Lightning Protect	ion	8kA; 8/20 µs pulse			
ID Pating		ID67 Indoor8 O	ID67 Indoor8 Outdoor		

Temperature	-30°C~+70°C
Humidity	≤95%
Lightning Protection	8kA; 8/20 µs pulse
IP Rating	IP67, Indoor&Outdoor

Installation Specifications

Installation Method	Wall/Pole Mounting
Pole Diameter	Ф35- Ф125 mm

Unit measurements in mm

Disclaimer: All images are for reference purposes only

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Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, however accuracy and completeness is not guaranteed. Bridge Components holds the right to change the product specifications without notice.