10-T12CX-OX1 | TRIPLEXER

Frequency: Band 1: 698-960MHz, Band 2: 1710-2170MHz, Band 3: 2300-2700MHz | PIM: ≤-150/-155/-160dBc

Connector: DIN 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.

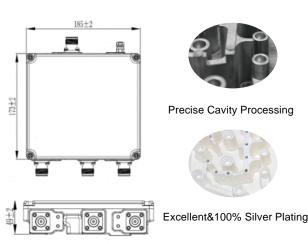
In the section of materials selection, Bridge products are all made of good and rugged materials, which make sure long product working life and stable working performance.

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





TECHNICAL DATA

TECHNICAL DATA				
Part Numbe	r			
Connector Type		Single Unit Twin Unit		
PIM:IM3	≤-150dBc	10-T12C3-OS1 10-T12C3-OT1		
(2x43dBm)	≤-155dBc	10-T12C5-OS1 10-T12C5-OT1		
	≤-160dBc	10-T12C7-OS1 10-T12C7-OT1		
Electrical Specifications				
Frequency Range	e Band 1	698-960MHz		
	Band 2	1710-2170MHz		
	Band 3	2300-2700MHz		
Insertion Loss	Band 1	≤0.3dB		
	Band 2	≤0.3dB		
	Band 3	≤0.3dB		
Isolation		≥50dB		
VSWR/ Return Loss		≤ 1.22/ -20dB		
DC/AISG by Pas	s Band 1	Pass		
	Band 2	Pass		
	Band 3	Pass		
Power Rating	'	250W		
Impedance		50Ω		
Mechanical	Specificatio	ns		
Connectors		DIN Female		
Dimensions	Single Unit	185 x 173 x 49mm		
	Twin Unit	184 x 173 x 98mm		
Weight	Single Unit	2.3kg		
	Twin Unit	4.6kg		
Color		Gray		
Environmen	tal Specifica	ations		

Environmental Specifications

Temperature	-40°C~+65°C
Humidity	≤95%
Lightning Protection	10kA; 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

Revised | B.1.1

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.