

DATASHEET

10-T16EX-OX1 | TRIPLEXER

Frequency: Band 1 : 698-960MHz, Band 2: 1710-1880MHz , Band 3: 1920-3800MHz | 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 Com port.

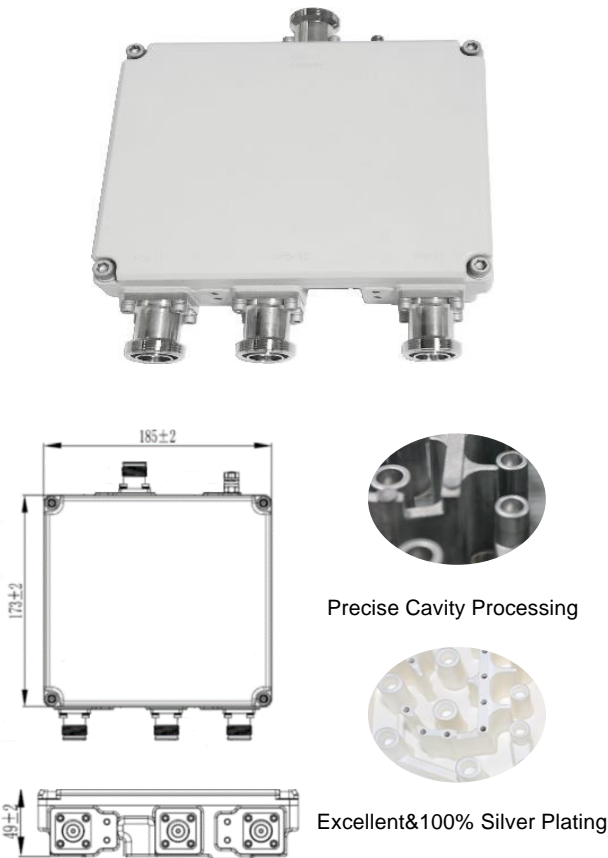
Bridge combiner integrated with multi-technology to enhance the low PIM, isolation and other key parameters. Pure silver plating is guaranteed in production processing.

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

Excellent&100% Silver Plating

TECHNICAL DATA

Part Number			
Connector Type		Single Unit	Twin Unit
PIM:IM3 (2x43dBm)	≤-150dBc	10-T16E3-OS1	10-T1EC3-OT1
	≤-155dBc	10-T16E5-OS1	10-T1EC5-OT1
	≤-160dBc	10-T16E7-OS1	10-T1EC7-OT1
Electrical Specifications			
Frequency Range	Band 1	698-960MHz	
	Band 2	1710-1880MHz	
	Band 3	1920-3800MHz	
Insertion Loss	Band 1	≤0.3dB	
	Band 2	≤0.3dB	
	Band 3	≤0.3dB	
Isolation		≥60dB	
VSWR/ Return Loss		≤ 1.22/ -20dB	
DC/AISG by Pass	Band 1	Pass	
	Band 2	Pass	
	Band 3	Pass	
Power Rating		250W	
Impedance		50Ω	
Mechanical Specifications			
Connectors		4.3-10 Female	
Dimensions	Single Unit	185 x 173 x 51mm	
	Twin Unit	184 x 173 x 106mm	
Weight	Single Unit	2.5kg	
	Twin Unit	5.8kg	
Color		Gray	
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		Φ35- Φ125 mm	

Unit measurements in mm

Disclaimer: All images are for reference purposes only

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.

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