### DATASHEET 10-T03EX-OX3 | TRIPLEXER

Frequency: Band 1: 380-960MHz, Band 2: 1710-2170MHz, Band 3: 2300-2700MHz | 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.

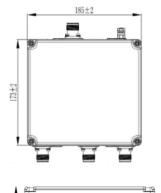
In the section of materials selection, Bridge products are all made of good and rugged materials, which make sure long product working life and stable working performance.

## 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



Excellent&100% Silver Plating

# **TECHNICAL DATA**

Part Number				
Connector Type		Single Unit	Twin Unit	
PIM:IM3 (2x43dBm)	≤-150dBc	10-T03E3-OS3	10-T03E3-OT3	
	≤-155dBc	10-T03E5-OS3	10-T03E5-OT3	
	≤-160dBc	10-T03E7-OS3	10-T03E7-OT3	
Electrical Specifications				
Frequency Range	e Band 1	380-960MHz	380-960MHz	
	Band 2	1710-2170MHz		
	Band 3	2300-2700MHz		
Insertion Loss	Band 1	≤0.30dB		
	Band 2	≤0.30dB		
	Band 3	≤0.35dB		
Isolation		≥50dB		
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 49mm		
	Twin Unit	185 x 173 x 98mm		
Weight	Single Unit	2.8kg		
	Twin Unit	5.6kg		
Environmental Specifications				
Temperature		-40°C~+65°C		
Humidity		≤95%		
Lightning Protection		3kA; 10/350 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

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BRIDGE

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