DATASHEET 10-T03CX-OX3 | TRIPLEXER

Frequency: Band 1: 380-960MHz, 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.

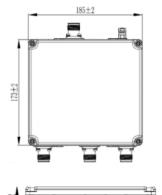
In the section of materials selection, Bridge products are all made of good and rugged materials, which make sure long product working life and stable working performance.

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







Precise Cavity Processing



Excellent&100% Silver Plating

TECHNICAL DATA

Part Number			
Connector Type		Single Unit	Twin Unit
PIM:IM3	≤-150dBc	10-T03C3-OS3	10-T03C3-OT3
(2x43dBm)	≤-155dBc	10-T03C5-OS3	10-T03C5-OT3
	≤-160dBc	10-T03C7-OS3	10-T03C7-OT3
Electrical Specifications			
Frequency Range	Band 1	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		DIN Female	
Dimensions	Single Unit	185 x 173 x 49mm	
	Twin Unit	<i>v</i> in Unit 185 x 173 x 98mm	
Weight	Single Unit	2.9kg	
	Twin Unit	n Unit 5.8kg	
Environment	al Specificat	ions	
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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