

DATA SHEET

10-Q15EX-OX | QUADPLEXER

Frequency: Band 1: 698-960MHz, Band 2: 1710-1880MHz, Band 3: 1920-2170MHz, Band 4: 2300-2700MHz
| PIM3: ≤-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.

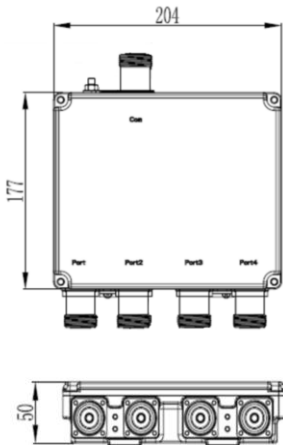
Bridge combiner integrated with multi-technology to enhance the low PIM, isolation and other key parameters. Pure silver plating is guaranteed in production processing.

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.
- 4.3-10/Din connector type is optional.
- Single and twins type is optional.
- Cost-effective design

Product



Precise Cavity Processing



Excellent&100% Silver Plating

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.

TECHNICAL DATA

Part Number

Unit Type		Single Unit	Twin Unit
PIM3 (2x43dBm)	≤-150dBc	10-Q15E3-OS	10-Q15E3-OT
	≤-155dBc	10-Q15E5-OS	10-Q15E5-OT
	≤-160dBc	10-Q15E7-OS	10-Q15E7-OT

Electrical Specifications

Frequency Range	Band 1	698-960MHz
	Band 2	1710-1880MHz
	Band 3	1920-2170MHz
	Band 4	2300-2700MHz
Insertion loss	Band 1	≤0.5dB
	Band 2	≤0.5dB
	Band 3	≤0.5dB
	Band 4	≤0.5dB
Isolation		≥50dB
VSWR/ Return loss		≤ 1.22/ -20dB
DC/AISG by PASS	Band 1	Pass
	Band 2	Pass
	Band 3	Pass
Power Rating		250W, 1500W@Peak
Impedance		50Ω

Mechanical Specifications

Connectors		4.3-10 Female
Dimensions	Single Unit	177 x 204 x 50 mm
	Twin Unit	177 x 204 x 100 mm
Weight	Single Unit	3.3kg
	Twin Unit	6.5kg
Color		Gray

Environmental Specifications

Temperature		-40°C~+65°C
Humidity		≤95%
Lightning Protection		10kA; 8/20 μs pulse
IP Rating		Compliant IEC 61000-4-5 IP67, Indoor&Outdoor

Installation Specifications,,

Mounting		Wall / Pole
Pole Diameter		Φ35- Φ125 mm

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