

DATA SHEET

10-Q23X7-0X1 | QUADPLEXER

Frequency: Band 1: 380-960MHz, Band 2: 1710-2170MHz, Band 3: 2300-2700MHz, Band 4:3300-3800MHz

| Power : 300W **| IM3:** -150/-155/-160dBc **| AISG by Pass:** All Pass **| Connector:** DIN Female **| Usage:** Indoor & Outdoor



OVERVIEW

BRIDGE Multi-Band Combiner combines two or more system signals and equally divides signals to output port. Which is compatible with 2G/3G/4G/5G, VHF, UHF, Tetra, IoT, Military spectrum allocation in different frequency systems, and re-farming systems.

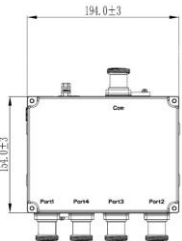
BRIDGE combiner integrated with multi-technology to enhance the low PIM, isolation and other key parameters. Pure silver plating is guaranteed in production processing and able to perform smooth data transmission in system coverage.

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 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.
- Up to IP67 full outdoor water-proof.

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.

Revised | R.1.1

TECHNICAL DATA

Part Number

	Unit Type	Single Unit	Twin Unit
Type	N Female	10-Q23A7-OS1	10-Q23A7-OT1
	4.3-10Female	10-Q23E7-OS1	10-Q23E7-OT1
	DIN Female	10-Q23C7-OS1	10-Q23C7-OT1

Electrical Specification

Frequency	Band 1	380-960MHz
	Band 2	1710-2170MHz
	Band 3	2300-2700MHz
	Band 4	3300-3800MHz
Insertion Loss	≤0.5dB	
Isolation	≥45dB	
Return Loss	≥19dB	
PIM:IM3 (2 x 43dBm)	≤-160dBc	
DC/AISG By Pass	Port 1-COM	Pass
	Port 2-COM	Pass
	Port 3-COM	Pass
	Port 4-COM	Pass
Power Rating	200Watt	
Impedance	50Ω	

Mechanical Specification

Dimensions	Single Unit	194 x 154 x 52 mm
	Twin Unit	194 x 154 x 114 mm
Weight	Single Unit	2.7kg
	Twin Unit	5.4 kg
Mounting	Pole (clamps included for Φ35-135mm pole) or Wall Mounted	
Color	Light - Grey	

Environmental Specification

Temperature	-30 to +60°C
Humidity	≤95%
Lightning Protection	10kA; 8/20 μs pulse
IP Rating	IP67, Indoor & Outdoor

Installation Specifications

Mouting	Wall/ Pole Mounting
Pole Diameter	Φ35 - Φ125 mm