

DATASHEET

# 10-HEX01CX-0X1 | HEXAPLEXER

**Frequency:** Band 1: 600-960MHz, Band 2: 1695-1880MHz, Band 3: 1920-2200MHz, Band 4: 2300-2400MHz, Band 5: 2500-2690MHz, Band 6: 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. The usage includes 2G/3G/4G/5G, VHF, UHF, Tetra, IoT, Military spectrum allocation in different frequency systems, and re-farming systems.

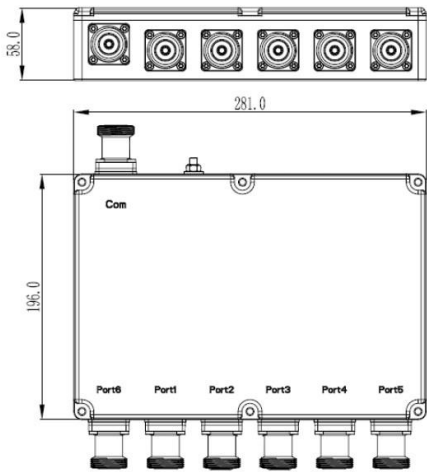
BRIDGE combiner integrated with multi-technology to enhance the low PIM, isolation and other key parameters. Pure silver plating is guaranteed in production processing and able to perform smooth data transmission in system coverage.

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 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
- Up to IP65 full outdoor water-proof

### Product



Precise Cavity Processing



Excellent&100% Silver Plating

## TECHNICAL DATA

Part Numbers			
Type		Single Unit	Twin Units
PIM : IM3	≤-150dBc	10-HEX01C3-OS1	10-HEX01C3-OT1
	≤-155dBc	10-HEX01C5-OS1	10-HEX01C5-OT1
	≤-160dBc	10-HEX01C7-OS1	10-HEX01C7-OT1

Electrical Specifications		
Frequency Range	Band 1	600-960MHz
	Band 2	1695-1880MHz
	Band 3	1920-2200MHz
	Band 4	2300-2400MHz
	Band 5	2500-2690MHz
	Band 6	3300-3800MHz
Insertion Loss		≤0.5dB
Isolation		≥50dB
VSWR/ Return Loss		≤ 1.25/ -19dB
DC/AISG By Pass		Pass
Power Rating		300W
Impedance		50Ω

Mechanical Specifications		
Connectors		DIN Female
Dimensions	Single Unit	281 x 196 x 58 mm
	Twin Unit	281 x 196 x 125 mm
Weight	Single Unit	4.1 kg
	Twin Unit	8.2 kg
Color		Gray

Environmental Specifications	
Temperature	-10°C to +65°C
Humidity	≤95%
Lighting Protection	10kA;8/20 μs pulse
IP Rating	IP65, Indoor & Outdoor

Installation Specifications	
Mounting	Wall/ Pole Mounting
Pole Diameter	Φ35 - Φ125 mm