

DATA SHEET

10-D01CX-OX2 | DIPLEXER

Frequency: Band 1: 690-862 MHz, Band 2: 880-960 MHz | **PIM3:** ≤-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 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.

TECHNICAL DATA

| Part Number | | | |
|---------------------------------|----------|--------------|--------------|
| Unit Type | | Single Unit | Twin Unit |
| PIM3 (2x43dBm) | ≤-150dBc | 10-D01C3-OS2 | 10-D01C3-OT2 |
| | ≤-155dBc | 10-D01C5-OS2 | 10-D01C5-OT2 |
| | ≤-160dBc | 10-D01C7-OS2 | 10-D01C7-OT2 |

| Electrical Specifications | | |
|---------------------------|--------|-------------|
| Frequency Range | Band 1 | 690-862 MHz |
| | Band 2 | 880-960 MHz |
| Insertion loss | Band 1 | ≤0.45dB |
| | Band 2 | ≤0.45dB |
| Isolation | | ≥50dB |
| VSWR/ Return loss | | ≥19dB |
| DC/AISG by PASS | Band 1 | Stop |
| | Band 2 | Stop |
| Power Rating | | 250W |
| Impedance | | 50Ω |

| Mechanical Specifications | | |
|---------------------------|-------------|---------------|
| Connectors | | DIN Female |
| Dimensions | Single Unit | 205x171x56 mm |
| | Twin Unit | 205x171x116mm |
| Weight | Single Unit | 2.8kg |
| | Twin Unit | 5.8kg |
| Color | | Gray |

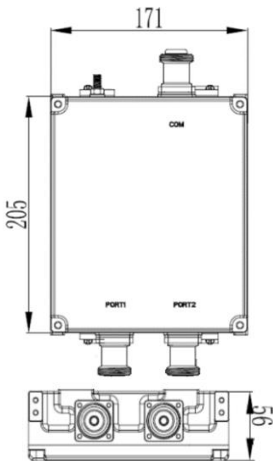
| Environmental Specifications | |
|------------------------------|----------------------|
| Temperature | -40°C~+65°C |
| Humidity | ≤95% |
| Lightning Protection | 10kA; 8/20 μs pulse |
| IP Rating | IP67, Indoor&Outdoor |

| Installation Specifications | |
|-----------------------------|--------------|
| Mount | Wall / Pole |
| Pole Diameter | Φ35- Φ125 mm |

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.

Revised | B.1.1