

DATA SHEET

10-D42E7-IT2 | DIPLEXER TWINS UNIT

Frequency: Band 1: 698-2200MHz, Band 2: 2300-2700MHz | Power: 200W | IM3: -160dBc
Connector: 4.3-10 Female | AISG by Pass: Pass/Stop | Usage: Indoor



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.

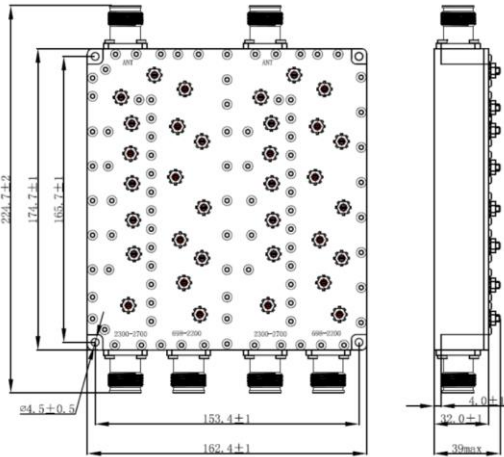
FEATURES

- Available for various of DC/AISG by pass configurations.
- Low PIM, high isolation and good return loss.
- Wall or pole mounting.
- 4.3-10/Din connector type is optional.
- Single and twins type is optional.

TECHNICAL DATA

Electrical Specifications		
Frequency Range	Band 1	698-2200MHz
	Band 2	2300-2700MHz
Insertion loss	Band 1	≤0.5dB
	Band 2	≤0.5dB
Isolation		≥50dB
VSWR/ Return loss		≤ 1.3/ -18dB
PIM : IM3		≤-160dBc
DC/AISG by pass	Band 1-Com	Pass
	Band 2-Com	Stop
Power Rating		200W
Impedance		50Ω

Product



Mechanical Specifications	
Connectors	4.3-10 Female
Dimensions	174.7x162.4x32
Weight	1.1 kg
Color	Black

Environmental Specifications	
Temperature	-40°C~+60°C
Humidity	≤95%
IP Rating	IP40, Indoor

Installation Specifications	
Installation Method	Wall Mounting



Precise Cavity Processing



Excellent&100% Silver Plating