

DATA SHEET

10-P05E7-OS1

Frequency: Shown Under

AISG by pass: All Pass

PENTAPLEXER

Power Rating: 200W

IM3: $\leq -160\text{dBc}$

Connector: Optional

Usage: IP65, Indoor & Outdoor

BRIDGE



Components

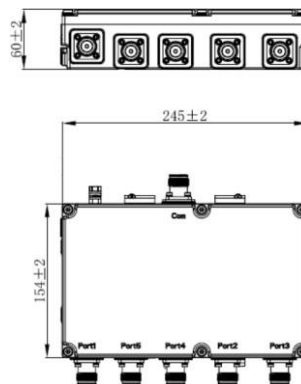
OVERVIEW

BRIDGE COMBINERS are used to combine two different system signals and output signal from com port. The combiners are integrated with technology to enhance the low PIM, isolation and other key parameters.

KEY FEATURES

- Available in various DC/AISG by pass configurations
- N, Din 4.3-10 connectors, available upon request
- Single or twin type available

Product Picture



TECHNICAL DATA

Electrical Specifications

Frequency Range	Band 1	600-960MHz
	Band 2	1695-1880MHz
	Band 3	1920-2170MHz
	Band 4	2300-2700MHz
	Band 5	3300-3800MHz
Insertion Loss		$\leq 0.4\text{dB}$
Isolation		$\geq 50\text{dB}$
VSWR/ Return loss		$\leq 1.25/- 19\text{dB}$
PIM : IM3		$\leq -160\text{dBc}(2\text{X}43\text{dBm})$
DC/AISG by pass		Pass
Power Rating		200W
Impedance		50 Ω

Disclaimer All images are for reference purposes only

Revised: | A.1.1

Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, accuracy and completeness is not guaranteed. Bridge Components holds the right to change the product specifications without notice.

DATA SHEET

10-P05E7-OS1

Frequency: Shown Under
AISG by pass: All Pass

PENTAPLEXER

Power Rating: 200W | Connector: Optional
IM3: $\leq -160\text{dBc}$ | Usage: IP65 Indoor & Outdoor



Mechanical Specifications

Dimensions	245 x 154 x 60mm
Weight	3.0kg
Color	Light-Gray

Environmental Specifications

Temperature	-40~+65°C
Humidity	$\leq 95\%$
Lighting Protection	8kA; 8/20 μs pulse
IP Rating	IP65, Indoor&Outdoor

Installation Specifications

Installation Method	Wall/ Pole Mounting
Pole Diameter	$\Phi 35$ - $\Phi 135\text{mm}$