

## DATA SHEET

# 10-D05E7-OS3

**Frequency:** Band 1:694-2170, Band 2:2490-2700MHz  
**AISG by pass:** All Pass

## DIPLEXER

**Power Rating:** 300W  
**IM3:** <-160 dBc

**Connector:** 4.3-10 Female  
**Usage:** Indoor & Outdoor

## 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.

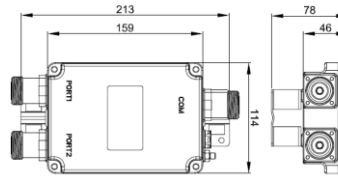
## KEY FEATURES

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

## ORDERING INFORMATION

## TECHNICAL DATA

### Product Picture



Single Unit

### Electrical Specifications

Frequency Range	Band 1	694-2170 MHz
	Band 2	2490-2700 MHz
Insertion loss	Port 1	≤ 0.35 dB
	Port 2	≤ 0.4 dB
Isolation		> 50dB
VSWR/ Return loss		≤ 1.25/-19dB
PIM : IM3		≤ -160 dBc
DC/AISG by pass	Port 1-Com	Pass
	Port 2-Com	Pass
Power Rating		200W
Impedance		50Ω

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**Mechanical Specifications**

Dimensions	Single Unit <sup>(Excluding Connectors)</sup>	211 x 154 x 112 mm
Weight	Single Unit <sup>(Including Connectors)</sup>	5.0kg
Color		Light gray

**Environmental Specifications**

Temperature		-45°C~+65°C
Humidity		≤95%
Lighting Protection		3kA; 10/350 μs pulse
		Compliant IEC 61000-4-5
IP Rating		IP67, Indoor & Outdoor

**Installation Specifications**

Installation Method		Wall/ Pole Mounting
Pole Diameter		TBD