

Two port tri band combiner

- Low Passive Inter-modulation 160 dBc
- Low VSWR & Insertion Loss
- High Isolation, Indoor & Outdoor, IP67
- Widely used for In-building Solutions

Specifications

Model No.	HT-TRIPLE-0921
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Electrical characteristics

Version		Single
Frequency range	Port 1,4 Port 2,5	DC – 960 / 1427 – 2170 MHz 2496 – 2690 MHz
Insertion loss	Port 1,2 ⇄ Port 3 Port 4,5 ⇄ Port 6	≤ 0.3 dB
Isolation	Port 1 ↔ Port 2 Port 4 ↔ Port 5	≥ 50 dB
VSWR		≤ 1.25
DC-by-pass		Port 1 ↔ Port 3 Port 4 ↔ Port 6 (max. 1A per input max. 60V DC (AISG Standard, 2.0, § 6.4))
IM- value 3rd order @ 2 x 20 W		-160 dBc max. @700-2690MHz
Impedance		50 Ohm
Surge Protection		N/A
Power Rating	Port 1,4 Port 2,5	600 W (CW) max. 100 W (CW) max.

Mechanical characteristics

Connectors	4.3-10 female
Dimensions, approx. (Excluding brackets and connectors)	160 x 40 x 116 mm
Weight, approx.	2.5 kg
Color	Gray
Wall / Mast mounting (optional)	Part of delivery

Environmental conditions

Class. of environmental conditions:	ETSI EN 300019-1-1 Class 1.2
	ETSI EN 300019-1-2 Class 2.3
	ETSI EN 300019-1-4 Class 4.1E
Application:	Outdoor use (IP67)
Operation Ambient temperature range	-40 °C to +55 °C
Storage Ambient temperature range	-40 °C to +85 °C
Relative humidity, max.	95% (non-condensing)

Outline drawing

