

HUBER+SUHNER® DATA SHEET

Hybrid Matrix Combiner / Divider 1710 MHz 2700 MHz: 7408.17.0002



Rev.: F

Hybrid Coupler

Description

4 transmitter or receiver signals equally to 4 antennas. Unused output ports must be terminated externally in 50 Ohm with an appropriate PIM performance. Special attention has been directed to maximize isolation in the wireless bands and minimize passive intermodulation. Supports GSM, UMTS / W-CDMA, LTE and WiFi / WLAN 2.4 GHz



Product Configuration

Technical Data

Electrical Data

Band 1

Frequency (GHz)	1.71 - 2.7
Return Loss	23 dB
Coupling	6 dB
Insertion Loss	6.2 dB
Insertion Loss flatness +/-	0.8 dB
Isol. between Input ports	25 dB
Isol. between Output ports	25 dB
Composite Power max	100 W
Peak Envelope Power	3000 W
Intermodulation distortion @ 2 x Carrier Power	-155 dBc 43 dBm

	Input 1	Input 2	Input 3	Input 4
Port Designation	J1	J2	J3	J4
Connector Type	N	N	N	N
Gender	jack (female)	jack (female)	jack (female)	jack (female)
	Output 1	Output 2	Output 3	Output 4
Port Designation	J5	J6	J7	J8
Connector Type	N	N	N	N
Gender	jack (female)	jack (female)	jack (female)	jack (female)

Char. impedance (Ω) 50

Mechanical Data

Dimensions (mm) 34 x 125.5 x 220.68 (Height x Width x Length)
Weight 2.2 kg

Environmental Data

Environmental conditions indoor/outdoor
Operation temperature (°C) -40 to 55
Storage temperature (°C) -40 to 55
Transport temperature (°C) -40 to 55

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!
It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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IP rating
RoHS 2002/95/EC

IP 64
compliant

Material Data

Housing Material
Surface treatment

Aluminium
passivated

Related Documents

Mounting instruction
Painting instruction
Security instruction
Outline drawing1
3D-model (Step)

DPR-00172065
DOC-0000370148

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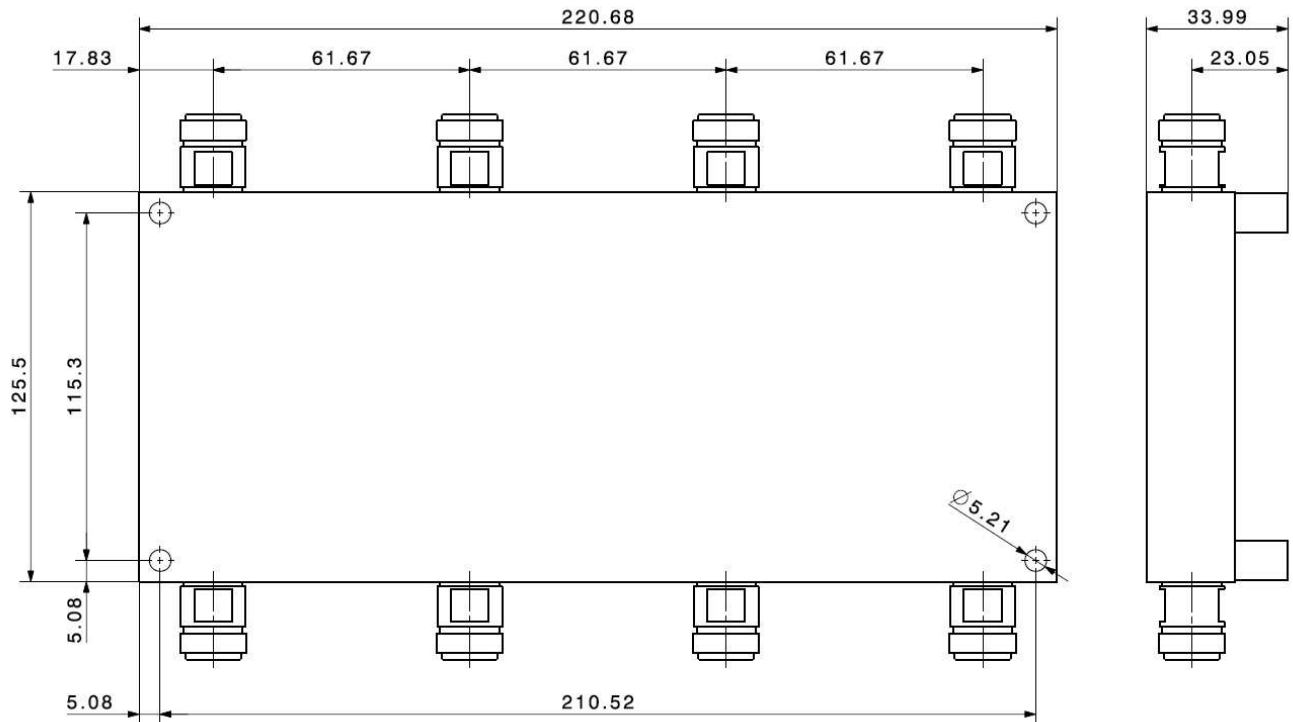
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