

HUBER+SUHNER® DATA SHEET

Low Loss, Low PIM 6 dB Stripline Coupler, 700 - 2700 MHz

7206.17.0004



Rev.: J

Directional Coupler

Description

Broadband / Multiband 698 MHz to 2700 MHz directional coupler for use in cellular mobile networks. Supports LTE, UMTS/WCDMA, TD-SCDMA, AMPS, GSM, PCS, CDMA, WiFi / WLAN 2.4 GHz.



Product Configuration

Technical Data

Electrical Data

	Band 1
Frequency (GHz)	0.698 - 2.7
Return Loss	20 dB
Coupling	6 dB
Coupling Flatness +/-	0.75 dB
Insertion Loss	1.51 dB
Directivity	20 dB
Isolation	26 dB
Max. Composite Power	200 W
Peak Envelope Power	1500 W
Intermodulation distortion @ 2 x Carrier Power	140 dBc 43 dBm

	Main Line In	Main Line Out	Coupled Port
Port Designation	Input	Output	6 dB
Connector Type	N	N	N
Gender	jack (female)	jack (female)	jack (female)
Char. impedance (Ω)	50		

Isolated port internally terminated

Mechanical Data

Dimensions (mm)	25.4 x 49.78 x 127.25 (Height x Width x Depth)
Weight	0.75 kg

Environmental Data

Environmental conditions	indoor
Operation temperature (°C)	0 to 50
Storage temperature (°C)	to
IP rating	IP 64
RoHS 2002/95/EC	compliant
Lead-free soldered	yes

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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Material Data

Housing Material Aluminium
Surface treatment Passivated

Related Documents

Mounting instruction
Painting instruction
Security instruction
Outline drawing1 DPR-00171969
3D-model (Step) DOC-0000370127

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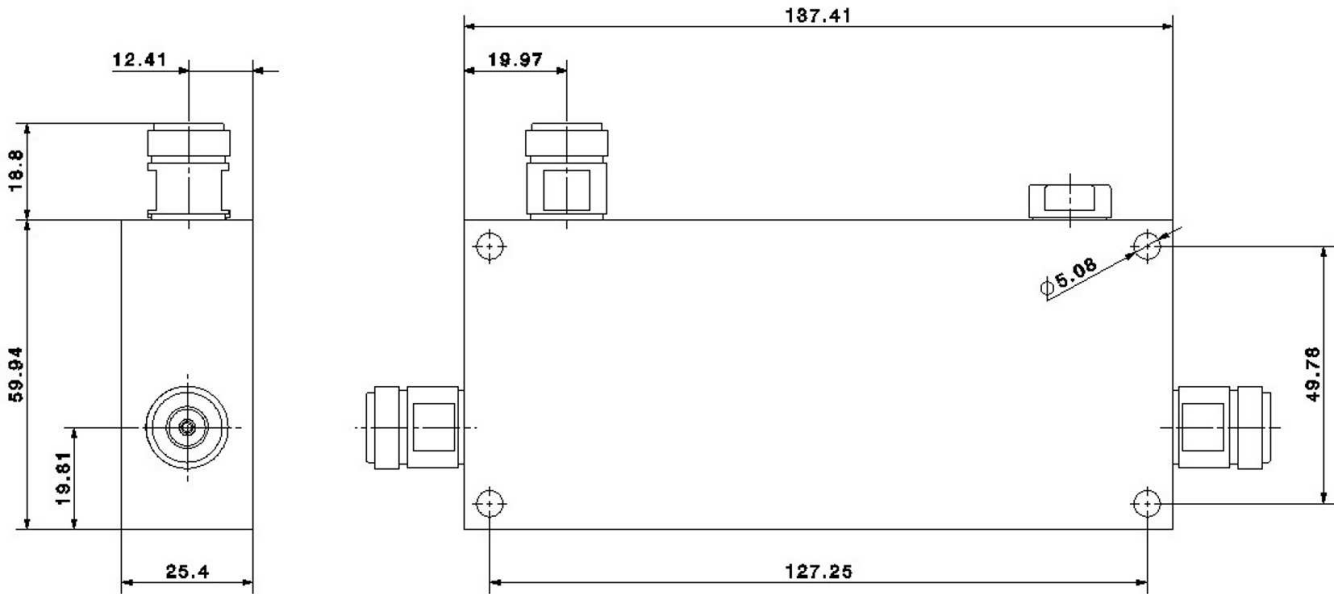
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