

HUBER+SUHNER® DATA SHEET

Low PIM, Low Loss 10 dB Stripline Coupler, 700 - 2700 MHz

7210.17.0006



Rev.: F

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	10 dB
Coupling Flatness +/-	1 dB
Insertion Loss	0.65 dB
Directivity	20 dB
Isolation	30 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	10 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

Material Data

Housing Material	Aluminium
Surface treatment	passivated

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.



HUBER+SUHNER AG
RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

HUBER+SUHNER – Excellence in Connectivity Solutions

HUBER+SUHNER® DATA SHEET

Low PIM, Low Loss 10 dB Stripline Coupler, 700 - 2700 MHz

7210.17.0006



Rev.: F

Related Documents

Mounting instruction

Painting instruction

Security instruction

Outline drawing1

3D-model (Step)

DPR-00171972

DOC-0000370133

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.



HUBER+SUHNER AG

RF Industrial

9100 Herisau, Switzerland

Phone +41 (0)71 353 41 11

Fax +41 (0)71 353 45 90

www.hubersuhner.com

HUBER+SUHNER – Excellence in Connectivity Solutions

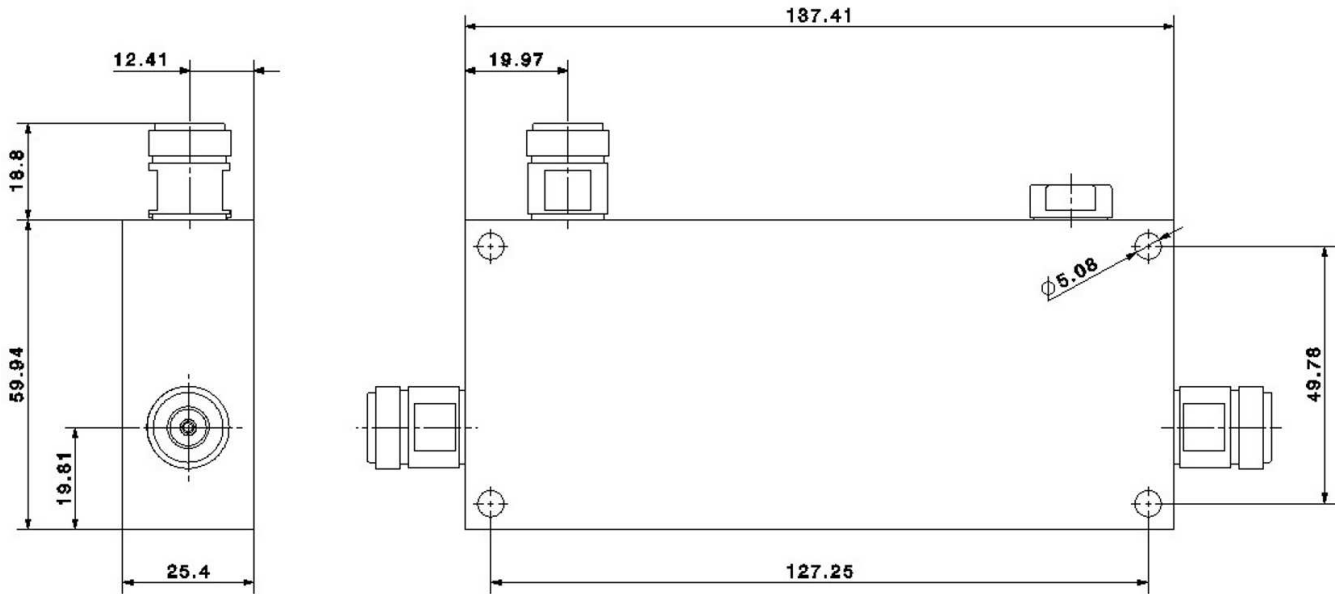
HUBER+SUHNER® DATA SHEET

Low PIM, Low Loss 10 dB Stripline Coupler, 700 - 2700 MHz



7210.17.0006

Rev.: F



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.



HUBER+SUHNER AG

RF Industrial

9100 Herisau, Switzerland

Phone +41 (0)71 353 41 11

Fax +41 (0)71 353 45 90

www.hubersuhner.com

HUBER+SUHNER – Excellence in Connectivity Solutions