

HUBER+SUHNER® DATA SHEET

Low Loss 3-Way Reactive Splitter, 698 MHz - 2700 MHz: 5502.41.0030



Rev.: G

reactive Splitter

Description

Broadband / Multiband 698 MHz to 2700 MHz reactive power splitter for use in cellular mobile networks. Designed to evenly split high power cellular signals with minimal reflections and loss in the LTE, UMTS/WCDMA, TD-SCDMA, AMPS, GSM, PCS, CDMA, WiFi / WLAN 2.4 GHz wireless bands. The wide frequency range allows use with multiband antennas and leaky cable systems. Rugged and lightweight design.



Product Configuration

Technical Data

Electrical Data

	Signal Band 1
Frequency (GHz)	0.698 - 2.7
Return Loss input port	23 dB
Return Loss output port	3.5 dB
Splitter Loss	4.8 dB
Insertion Loss	4.85 dB
Isolation betw. output ports	9.5 dB
Ampl. tra. betw. outp. ports	0.25 dB
Max. Composite power	500 W
Peak envelope power	3000 W

Intermodulation distortion (dBc)	150
@ 2 x Carrier Power	43 dBm

	Output 1	Output 2	Output 3
Connector Type	7/16	7/16	7/16
Gender	jack (female)	jack (female)	jack (female)
Char. impedance	50 Ω		

Mechanical Data

Dimensions (mm)	28.58 x 28.58 x 252.96 (Height x Width x Depth)
Weight	1 kg

Environmental Data

Environmental conditions	indoor/outdoor
Operation temperature (°C)	-35 to 75
Storage temperature (°C)	-35 to 75
Transport temperature (°C)	-35 to 75
IP rating	IP 67
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.



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Related Documents

Mounting instruction

Painting instruction

Security instruction

Outline drawing1

3D-model (Step)

DPR-00172670

DOC-0000369318

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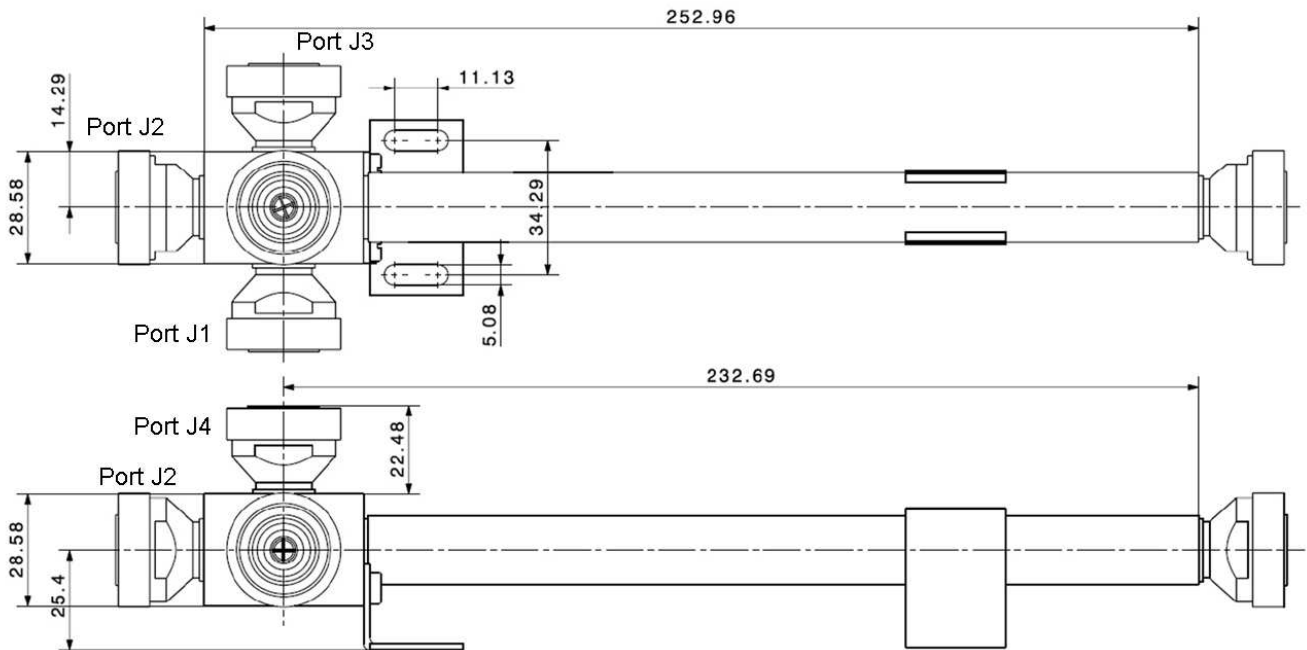
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Note: 2 way Splitter delete Port J3 & J4
 3 way Splitter delete Port J4
 4 way Splitter as drawn

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