

HUBER+SUHNER® DATA SHEET

WiFi 2.4 GHz Injector:

7501.17.0012



Rev.: B

Diplexer / Duplexer

Description

The diplexer model 7501.17.0012 links W-LAN 802.11(b) or (g) with Tetra, LMR/P25, and cellular wireless bands. Supports Tetra, LMR/P25, LTE, UMTS / WCDMA, TD-SCDMA, AMPS, GSM, PCS, CDMA. To minimize the effects of this WLAN Injector on system performance, the inputs are well isolated and have minimal insertion loss over their respective frequency bands. The W-LAN Injector has been designed using passive, proprietary techniques to ensure minimal loss and very high reliability. Corner holes are provided for simple mounting to a surface or cable tray.



Product Configuration

Technical Data

Electrical Data

	Band 1	Band 2
Frequency (GHz)	2.4 - 2.5	0.08 - 2.17
Return Loss (dB)	14	14
Insertion Loss (dB)	0.6	0.3
Isolat. betw. Signal Bands (dB)		
Band1		50
Max. Composite power (W)	8	150
Intermodulation distortion (dBc)	140	140
@ 2 x Carrier Power (dBm)	43	43
Port Designation	J1	J2
Connector Type	N	N
Gender	jack (female)	jack (female)
Char. impedance	50 Ω all ports	

Common Port

Port Designation	J3
Connector	N, jack (female)

Mechanical Data

Dimensions (mm)	32.26 x 122.22 x 179.71 (Height x Width x Length)
Weight	0.91 kg

Housing Material: passivated Aluminium

Environmental Data

Environmental conditions	indoor/outdoor
Operation temperature (°C)	0 to 50
Storage temperature (°C)	0 to 50
Transport temperature (°C)	0 to 50
IP rating	IP 67
RoHS 2002/95/EC	compliant

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

DPR-00108545

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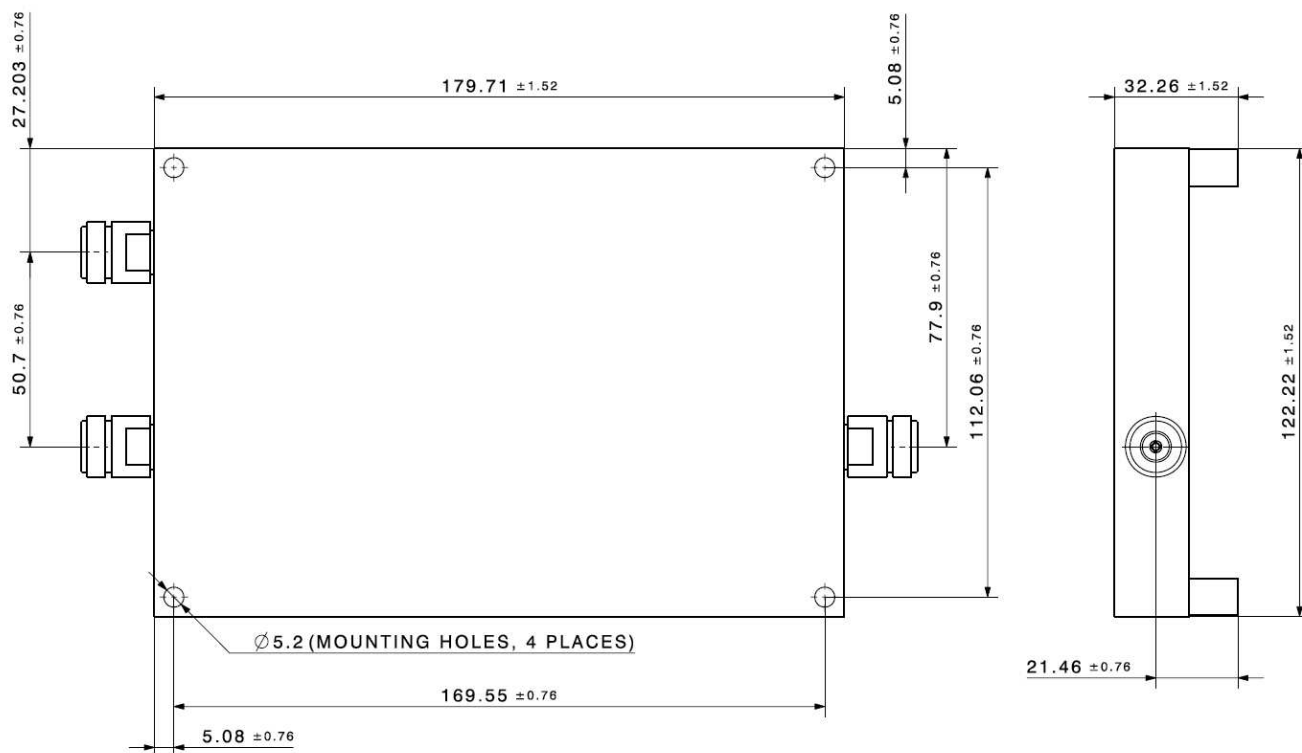
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