zenitel

DATASHEET

2320000615

SEAS T2-16

Tap-Off, 2 way (+16dB) (TV, R) with F-conn.



Description

- Digital-analogue splitters for marine use 100 kHz-1000 MHz
- Isolated 5 mm base, to avoid grounding to hull, to make it double isolated
- Linear frequency response up to 1000 MHz
- Excellent port isolation
- Nickel plated HQ housing

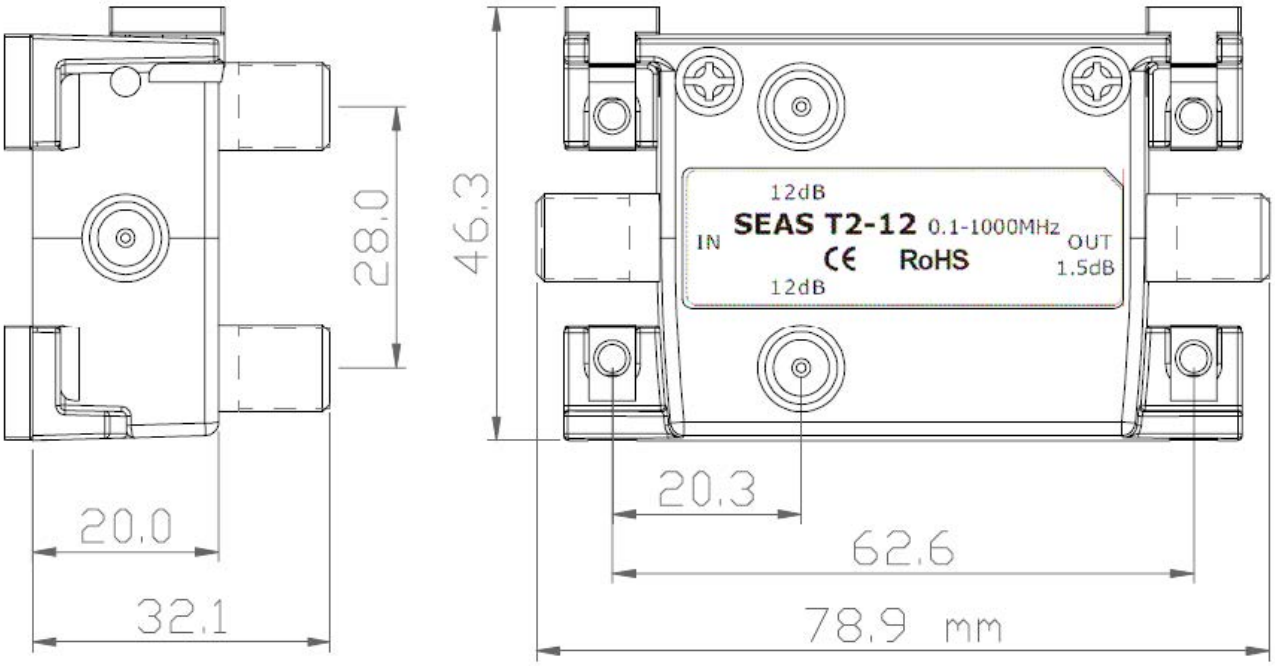
Technical Dimensions

www.zenitel.com info@zenitel.com

Last revision date: 2023-06-21 22:26

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.



Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

Specifications

TECHNICAL SPECIFICATION

Dimension (HxWxD) (mm)	(H) 46 x (W) 76 x (D) 32 mm
Bottom spacer	PP, RAL5003 Dark Blue
Housing	Zinc Die-casting - finishing: CuSn Plated
Connectors	“F” Female
Weight	0.160 Kg
Insertion Loss (dB) IN-OUT 100~500 KHz	4.5 max.
Insertion Loss (dB) IN-OUT 0.5~5 MHz	1.5 max.
Insertion Loss (dB) IN-OUT 5~300 MHz	1.8 max.
Insertion Loss (dB) IN-OUT 300~1000 MHz	1.8 typ. 2.8 max.
Tap loss IN-TAP 100~500 KHz	21.5 max.
Tap loss IN-TAP 0.5~5 MHz	17 typ. 18 max.
Tap loss IN-TAP 5~300 MHz	16 +/- 1
Tap loss IN-TAP 300~860 MHz	16 +/- 1.5
Tap loss IN-TAP 860~1000 MHz	16.5 +/- 1.5
Isolation TAP-OUT 5~40	28 min..
Isolation TAP-OUT 40~300	30 min.
Isolation TAP-OUT	20 min.

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company’s Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

300~860	
Isolation TAP-OUT 860~1000	20 min.
Isolation TAP-TAP 5~40	40 min.
Isolation TAP-TAP 40~300	40 min.
Isolation TAP-TAP 300~860	36 min.
Isolation TAP-TAP 860~1000	36 min.
Return Loss**IN (dB) 5~20	16 min.
Return Loss**IN (dB) 5~40	18 min.
Return Loss**IN (dB) 40~1000	20*
Return Loss**IN (dB) 5~40	
Return Loss**IN (dB) 40~1000	
Return Loss** OUT (dB) 5~20	16 min.
Return Loss** OUT (dB) 20~40	18 min.
Return Loss** OUT (dB) 40~1000	20*
Return Loss** OUT (dB) 5~40	
Return Loss** OUT (dB) 40~860	
Return Loss** OUT (dB) 860~1000	
Return Loss** TAP (dB) 5~20	10 min.

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.

Return Loss** TAP (dB) 20~40	12 min.
Return Loss** TAP (dB) 40~1000	20*
Return Loss** TAP (dB) 5~40	
Return Loss** TAP (dB) 40~860	
Return Loss** TAP (dB) 860~1000	

Impedance	75 Ohms
Screening factor	Class A
Operating temp.	-40 to +60°C
Approvals	CE50083-2:2006 (Class A)

*) At 40 MHz - 1.5 dB/ OCT

**) The tolerance of Return Loss Measurement: +/- 1.0 dB

www.zenitel.com info@zenitel.com Last revision date: 2023-06-21 22:26

Zenitel and its subsidiaries assume no responsibility for any errors that may appear in this publication, or for damages arising from the information therein. Zenitel products are developed and marketed by Zenitel. The company's Quality Assurance System is certified to meet the requirements in NS-EN ISO 9001. Zenitel reserves the right to modify designs and alter specifications without notice.

ZENITEL PROPRIETARY. This document and its supplementing elements, contain Zenitel or third party information which is proprietary and confidential. Any disclosure, copying, distribution or use is prohibited, if not otherwise explicitly agreed in writing with Zenitel. Any authorized reproduction, in part or in whole, must include this legend; Zenitel – All rights reserved.