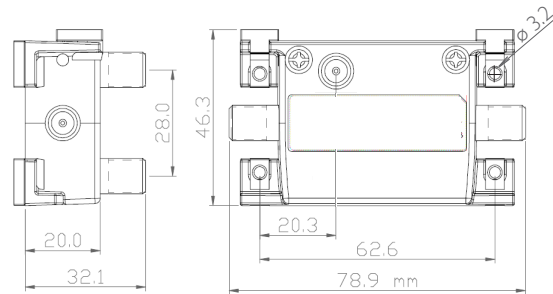




Combiner - w. F connectors
Size: (H) 46 x (W) 76 x (D) 32 mm



MECHANICAL MEASUREMENTS
SEAS 5010 Metal Casing

FEATURES

- Digital-analogue combiner 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 SPECIFICATION

Size	(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	160g

	Freq. Range (MHz)	Combiner	Freq. Range (MHz)	Combiner (continued)		
Insertion Loss (dB)	100~500 KHz	5.2 max.	Return Loss** (dB)	IN		
	0.5~5	2.5 max.			5~20	18 min.
	5~300	1.3 max.			5~40	18 min.
	300~1000	1.9 max.			40~1000	20*
	300~860				5~40	
Combiner Loss (dB)	100~500 KHz	18.5 max.	40~1000	18 min.		
	0.5~5	12.5 typ. 13.5 max.	OUT	20 min.		
	5~300	12.5 +/- 1	5~40	20*		
	300~860	12.5 +/- 1.5	40~860			
	860~1000	13 +/- 1.5	860~1000			
Isolation (dB)	5~40	25 min.	TAP	5~20		
	40~300	28 min.			20~40	12 min.
Combiner-OUT	300~860	20 min.	40~1000	12 min.		
	860~1000	20 min.	5~40	20*		
			40~860			
			860~1000			

Impedance	75 Ohms
Screening factor	Class A
Operation temp.	-40 to +60°C
Water Ingress Rating	IP50 (Indoor installation only)
Approvals	CE50083-2:2006 (Class A)



*) At 40 MHz - 1.5 dB/ OCT

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

DESCRIPTION

SEAS Combiner w. F conn.

PART NO

5010

SEAS Combiner_Rev. 1.1.pdf