

Preliminary

Waveguide Combiner / Ku-BAND 16 way Combiner

RRWKU-AB011

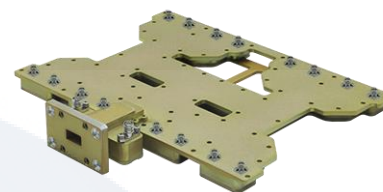


Product Features

- 16Way Combiner/ Splitter
- Low Insertion loss
- High Power Rating
- Input SMA / Output WR51

Applications

- Ku-band SSPA combining system
- Radar System



Description

The RRWKU-AB011, 16 way combiner is designed for the high power SSPA combining application.
The RRWKU-AB011 was applied to 800W SSPA.

Electrical Specifications

PARAMETER	UNIT	SPECIFICATION
Operating Band	-	Ku (Bw: 500MHz)
Insertion Loss ¹	dB	< 1.0
Amplitude Balance	dB	± 0.6
Phase Balance	°	± 8
Output VSWR	-	Max 1.5 : 1
Coupling	dB	56 ± 1
Power handling each Input	W	Peak 80

¹ This value includes adapter loss.

Mechanical Specifications

PARAMETER	UNIT	VALUE
Dimensions(W x D x H)	mm	197.5 x 177.2 x 30.2
RF Input / Output Interface	-	SMA(F) / WR51
Weight	kg	Max. 0.5
Material / Surface finish	-	Al / Chromate



Certification

This product is manufactured by a company that is certified for the AS9100D quality management system.

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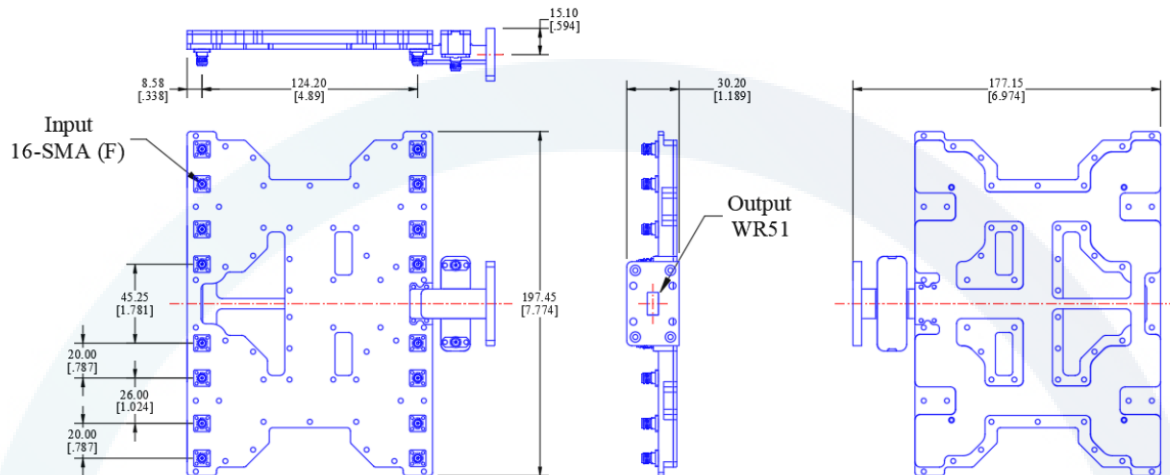
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Dimensions

Unit: mm[inch]



Note

* Specifications are subject to change without notice.

Option

1. SMA(F) to WR51 adapter

Revision History

Part Number	Release Date	Version	Description	Data Sheet Status
RRW160-AB000	14 th Oct. 2021	0.1	1 st release	Preliminary

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