

**Preliminary**  
**Adapter / Waveguide to EIA**  
**RWAE1800-618**



**Product Features**

- WR1800 to 6-1/8" EIA
- Low insertion loss
- High power adapter

**Applications**

- High power SSPA test
- Accelerator application



**Description**

The RA618-NF is designed for the high power SSPA test application.

**Electrical Specifications**

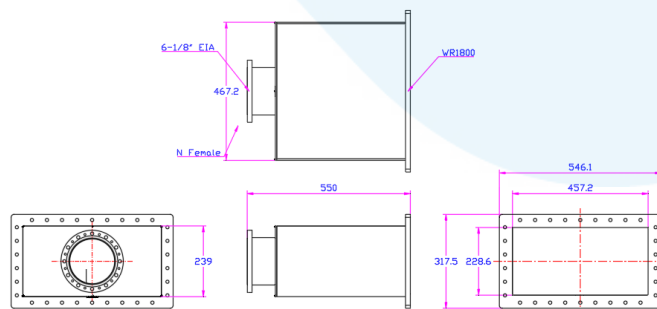
PARAMETER	UNIT	SPECIFICATION
Operating Frequency	MHz	500
Insertion Loss	dB	< 0.1
VSWR	-	< 1.06 : 1
Power handling	kW	CW 50

**Mechanical Specifications**

PARAMETER	UNIT	VALUE
Dimensions	mm	550 x 317.5 x 546.1
RF Input / Output Interface	-	6-1/8" EIA / WR1800
Material	-	Al

**Dimensions**

Unit: mm



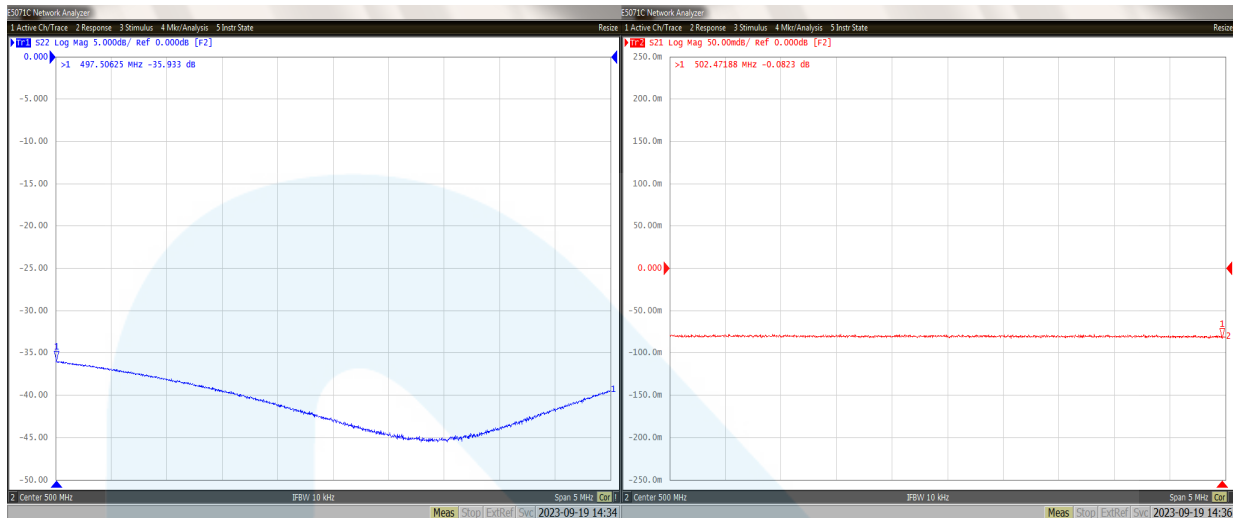
**Note**

\* Specifications are subject to change without notice.

# Preliminary Adapter / Waveguide to EIA RWAE1800-618



## Typical data



\* Test condition : back to back

## Option

1. 6-1/8" EIA to N adapter
2. 6-1/8" EIA coupling element
3. N type termination

## Revision History

Part Number	Release Date	Version	Description	Data Sheet Status
RWAE1800-618	06 Oct. 2023	0.1	1 <sup>st</sup> release	Preliminary



### Certification

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

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