VSA-063-06-24-UE-S

24-Path RF Network Test System

A network test system providing programmable attenuation on 24 independent paths through 16 RF ports, enabling controlled link levels in multi-device mesh and MIMO test setups.

24 programmable RF paths | **16 SMA ports** | **0-63 dB / 1 dB step**

RF characteristics

Parameter	Condition	Min.	Typ.	Max.	Unit
Frequency range	-	50	-	6000	MHz
Impedance	-	-	50	-	Ω
Attenuation range	-	0	-	63	dB
Attenuation step	-	-	1	-	dB
Attenuation accuracy	0.5-20 dB	-	±0.5	±0.75	dB
Attenuation accuracy	20-40 dB	-	±0.75	±1.25	dB
Attenuation accuracy	40-63 dB	-	±1.25	±1.75	dB
Insertion loss	<2.5 GHz	-	17	18	dB
Insertion loss	<5 GHz	-	19	20	dB
Insertion loss	<6 GHz	-	21	23	dB
VSWR	-	-	1.5:1	2:1	-
Input-output isolation	-	85	90	-	dB
Channel-to-channel isolation	-	70	75	-	dB
RF input power	-	-	-	+25	dBm
Input IP3	-	50	55	-	dBm

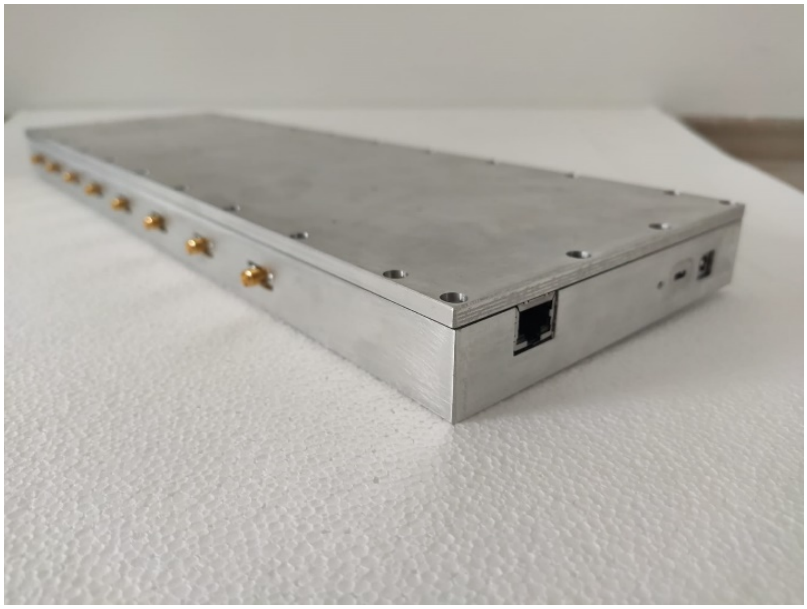
Min., Typ. and Max. retain the value categories of the source table. No additional test conditions are assumed where none are stated.

VSA-063-06-24-UE-S

Interfaces and integration

Interfaces and physical information

RF paths / ports	24 / 16
Control	USB / Ethernet
Source configuration supply	12 V DC / 1.5 A
RF connector	SMA (f)



Example device photograph from the source document.

Applications

- Multi-device mesh network tests
- Controlled RF path-loss setups
- MIMO link-level tests

Configuration information

This sheet covers the configuration identified in the source documents by 24 RF paths, 1 dB steps and a 12 V DC supply.

Technical values refer to the identified source configuration. The applicable configuration and operating conditions are confirmed at quotation.