



Datasheet for VNA Cable



Saluki Technology Inc.

The document applies to the VNA cables of the following models:

Saluki Model	VNA End	DUT End	Length
SCAVNA18MM-(N/N)	Type N male	Type N male	63cm
SCAVNA18MF-(N/N)		Type N female	63cm
SCAVNA18MM-(N/3.5)		NMD 3.5mm male	63cm
SCAVNA18MF-(N/3.5)		3.5mm female	63cm
SCAVNA26FM-(3.5/3.5)	NMD 3.5mm female	NMD3.5mm male	63cm
SCAVNA26FF-(3.5/3.5)		3.5mm female	63cm
SCAVNA18FM-(3.5/N)		Type N male	63cm
SCAVNA18FF-(3.5/N)		Type N female	63cm
SCAVNA40FM-(2.92/2.92)	NMD 2.92mm female	NMD 2.92mm male	63cm
SCAVNA40FF-(2.92/2.92)		2.92mm female	63cm
SCAVNA40FM-(2.92/2.4)		NMD 2.4mm male	63cm
SCAVNA40FF-(2.92/2.4)		2.4mm female	63cm
SCAVNA50FM-(2.4/2.4)	NMD 2.4mm female	NMD 2.4mm male	63cm
SCAVNA50FF-(2.4/2.4)		2.4mm female	63cm
SCAVNA40FM-(2.4/2.92)		NMD 2.92mm male	63cm
SCAVNA40FF-(2.4/2.92)		2.92mm female	63cm
SCAVNA67FM-(1.85/1.85)	NMD 1.85mm female	NMD 1.85mm male	63cm
SCAVNA67FF-(1.85/1.85)		1.85mm female	63cm

Preface

Thank you for choosing Saluki Technology Inc. products.

We devote ourselves to meeting your demands, providing you high-quality measuring instrument and the best after-sales service. We persist with "superior quality and considerate service", and are committed to offering satisfactory products and service for our clients.

Document No.

VNACA-02-01

Version

Rev01 2016.11

Saluki Technology

Document Authorization

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Product Quality Assurance

The warranty period of the product is 36 months from the date of delivery. The instrument manufacturer will repair or replace damaged parts according to the actual situation within the warranty period. The user should return the product to the manufacturer and prepay mailing costs. The manufacturer will return the product and such costs to the user after maintenance.

Product Quality Certificate

The product meets the indicator requirements of the document at the time of delivery. Calibration and measurement are completed by the measuring organization with qualifications specified by the state, and relevant data are provided for reference.

Quality/Environment Management

Research, development, manufacturing and testing of the product comply with the requirements of the quality and environmental management system.

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1. Specifications

1. 1. Electrical Properties

Saluki Modle	Maximum Frequency	VSWR	Insertion Loss	Phase Stability	Amplitude Stability
SCAVNA18MM-(N/N)	18GHz	<1.20:1	<1.5dB	<±2.0°	<±0.05dB
SCAVNA18MF-(N/N)					
SCAVNA18MM-(N/3.5)					
SCAVNA18MF-(N/3.5)					
SCAVNA26FM-(3.5/3.5)	26.5GHz	<1.25:1	<1.8dB	<±2.5°	
SCAVNA26FF-(3.5/3.5)					
SCAVNA18FM-(3.5/N)	18GHz	<1.20:1	<1.5dB	<±2.0°	
SCAVNA18FF-(3.5/N)					
SCAVNA40FM-(2.92/2.92)	40GHz	<1.30:1	<2.8dB	<±3.0°	
SCAVNA40FF-(2.92/2.92)					
SCAVNA40FM-(2.92/2.4)					
SCAVNA40FF-(2.92/2.4)					
SCAVNA50FM-(2.4/2.4)	50GHz	<1.35:1	<3.1dB	<±3.5°	
SCAVNA50FF-(2.4/2.4)					
SCAVNA40FM-(2.4/2.92)	40GHz	<1.30:1	<2.8dB	<±3.0°	
SCAVNA40FF-(2.4/2.92)					
SCAVNA67FM-(1.85/1.85)	67GHz	<1.50:1	<5.8dB	<±6.5°	
SCAVNA67FF-(1.85/1.85)					

1. 2. Mechanical Properties

Saluki Model	Minimum Bend Radius	Operation Temperature Range	Storage Temperature Range	Crush Resistance
SCAVNA18MM-(N/N)	50mm	0° C - +40° C	-40° C - +75° C	>900kg/cm
SCAVNA18MF-(N/N)				
SCAVNA18MM-(N/3.5)				
SCAVNA18MF-(N/3.5)				
SCAVNA26FM-(3.5/3.5)				
SCAVNA26FF-(3.5/3.5)				
SCAVNA18FM-(3.5/N)				
SCAVNA18FF-(3.5/N)				
SCAVNA40FM-(2.92/2.92)				
SCAVNA40FF-(2.92/2.92)				
SCAVNA40FM-(2.92/2.4)				
SCAVNA40FF-(2.92/2.4)				
SCAVNA50FM-(2.4/2.4)				
SCAVNA50FF-(2.4/2.4)				
SCAVNA40FM-(2.4/2.92)				
SCAVNA40FF-(2.4/2.92)				
SCAVNA67FM-(1.85/1.85)				
SCAVNA67FF-(1.85/1.85)				

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