

RF Cable Assembly

SF526V/35VF/35VM/25in **Item: 85069744**

Description

SUCOFLEX 526V microwave cable assemblies set a new measurement standard for vector network analyzers (VNAs) through 26.5 GHz.



Product Configuration

Cable	SUCOFLEX 526V		
Type Description Connector A	35VF (PORT)		
Series Connector A	3.5mm	jack	straight
Type Description Connector B	35VM (DUT)		
Series Connector B	3.5mm	plug	straight
Length	635 mm REF to REF		
	25 inches		

Technical Data

Electrical Data		
Impedance	50 Ω	
Operating Frequency (max.)	26.5 GHz	
Return Loss (min.)	-20 dB VSWR : 1.222	
Insertion Loss (max)	2.5 dB	
Signal delay	4.17 ns/m	
Velocity of propagation	80 %	
Screening effectiveness	≥ 90 dB up to 26.5 GHz	
Phase stability vs. temperature	50 ppm 15 °C to 30 °C at 26.5 GHz	
Amplitude stability vs. Flexure (max)	±0.04 dB	
Phase stability vs. Flexure (max)	0.15 ° / GHz	
Mechanical Data		
Diameter cable	13 mm	
Bending radius static (min.)	50 mm	
Flex Life (cycles)	100000	
Weight	0.27 kg	
Environmental Data		
Operating temperature	15 °C to + 30 °C	(Laboratory conditions, analyzer specific)
2011/65/EU (RoHS)	compliant	
2012/19/EU (WEEE)	relevant	
2006/1907/EC (REACH)	compliant	