

Rev:A00

## Flexible Cable assembly



### Technical requirements

Item	Specification
Model	See datasheet
Impedance	50Ω
Frequency range	DC-18GHz
Return loss	≥20dB
Insertion loss	See datasheet
Insulation resistance	≥5000MΩ
Dielectrics voltage resistance	≤325Vrms
Connector	SMA-M & SSMP-F

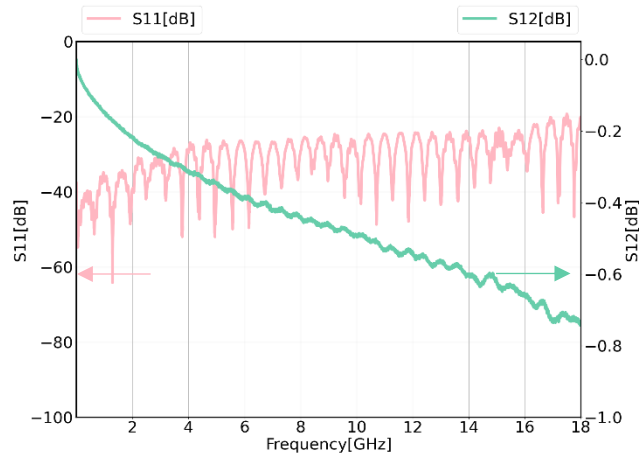
### Material and surface

	Item	Material	Surface
<b>SSMP Connector</b>	<b>Outer conductor</b>	Beryllium bronze	Non-magnetic gold plated
	<b>Center conductor</b>	Beryllium bronze	Non-magnetic gold plated
	<b>Connector-dielectric</b>	PTFE	/
<b>SMA Connector</b>	<b>Outer conductor</b>	Stainless steel	Passivated finish
	<b>Center conductor</b>	Brass	Gold plated
	<b>Connector-dielectric</b>	PTFE	/
	<b>Packaging case</b>	Oxygen-free copper	Non-magnetic gold plated
	<b>Cable</b>	2.2mm flexible cable with protective cover	/

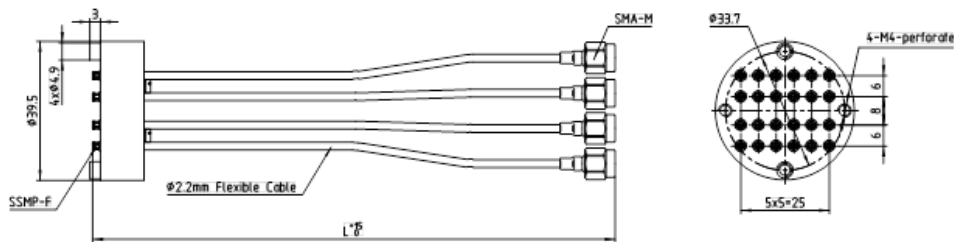
# Flexible Cable assembly

## Test results (CASG01812A375)

Measure data, Tamb=300K



## Outline drawing (Unmarked tolerance: ±0.1mm)



## Datasheet

Model	PN	L(mm)	Insert loss(dB)
CASG01812A375	SMA-M&SSMP-F-1000-2.2mm Flexible Cable assembly	1000	≤3.4dB@18GHz (single cable)
CASG01812A376	SMA-M&SSMP-F-2000-2.2mm Flexible Cable assembly	2000	≤6.2dB@18GHz (single cable)