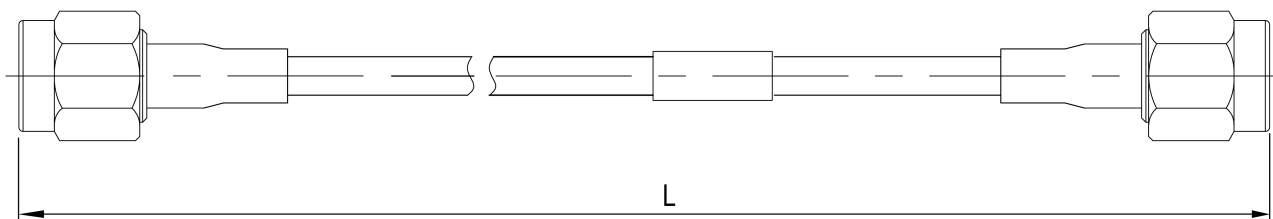




Ultra-Low Loss Phase Stable Cable Assembly, RCA360-SMESME-L SMA Male to SMA Male, DC-18GHz, ø3.6mm

Dimensions(mm) Tolerance $\pm 1\%$



Electrical & Environmental

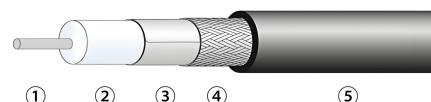
Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	80.5W @18GHz
I L@1M	2.17 dB Max @18GHz
VSWR	1.25 Max
Dk	1.49
Capacitance	80 pF/m
Inductance	0.19 uH/m
VOP	83%
SE	90dB Min
Voltage	1000V@DC
Temp. Phase	750 PPM Max
OT	-40~+125°C

Product Information

Product Number	RCA360-SMESME-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA360
Connector	SMA Male to SMA Male
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass
Bend Radius	18.00mm
Bend Radius (Rep.)	36.00mm

Customized services: including connectors, length, phase matching/tracking, time delay, and better electrical performance.

RCA360 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.91
2.Dielectric	LD-PTFE	2.50
3.Inner shield	Silver-plated Copper Tape Wrapping	2.66
4.Outer Shield	Silver-plated Copper Wire Braiding	3.11
5.Jacket	Gray FEP	3.60

Product Selection and Loss Index @25°C

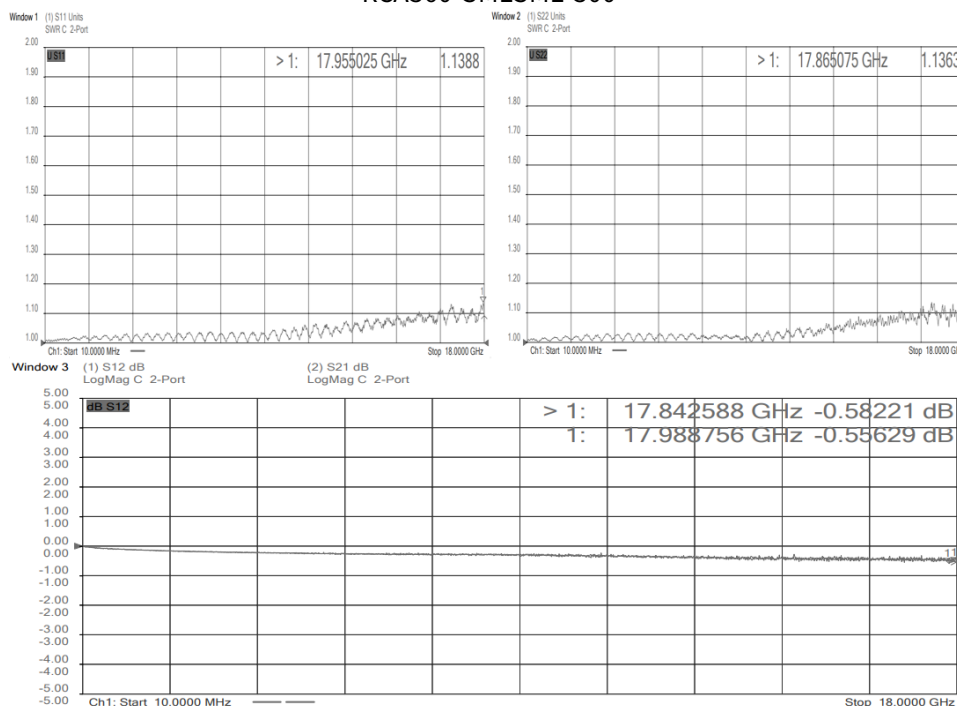
RFTOP P/N	3GHz	10GHz	18GHz
RCA360-SMESME-300	0.70 dB	0.88 dB	1.00 dB
RCA360-SMESME-600	0.89 dB	1.25 dB	1.50 dB
RCA360-SMESME-1M	1.16 dB	1.76 dB	2.17 dB
RCA360-SMESME-1.5M	1.48 dB	2.38 dB	3.00 dB
RCA360-SMESME-2M	1.81 dB	3.01 dB	3.83 dB
RCA360-SMESME-5M	3.78 dB	6.78 dB	8.83 dB



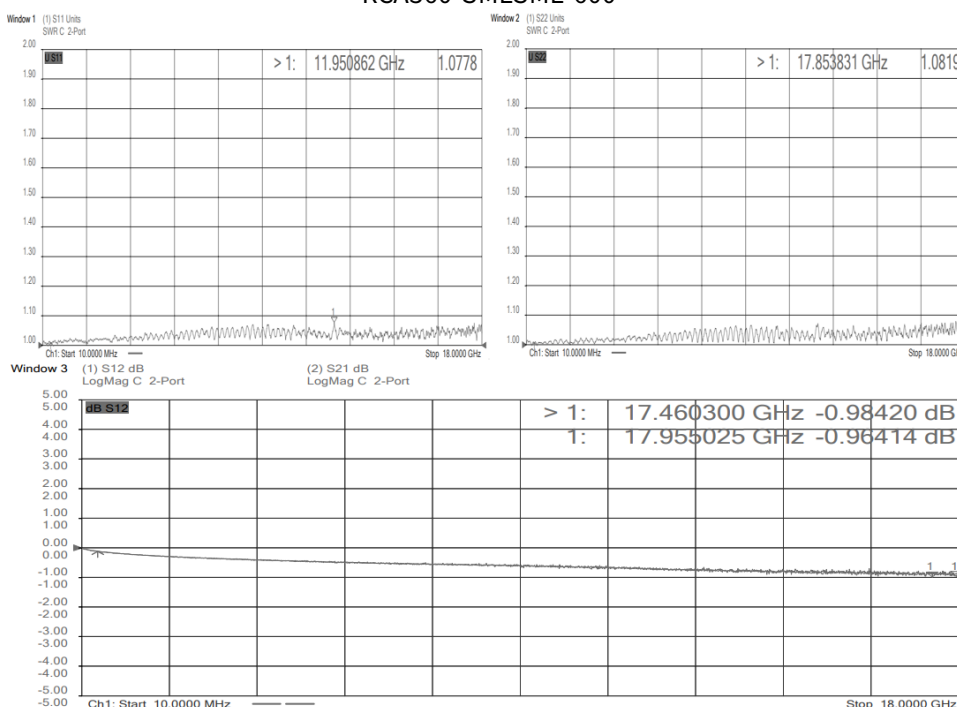
Ultra-Low Loss Phase Stable Cable Assembly, RCA360-SMESME-L SMA Male to SMA Male, DC-18GHz, $\varnothing$ 3.6mm

Typical Test Data

RCA360-SMESME-300



RCA360-SMESME-600

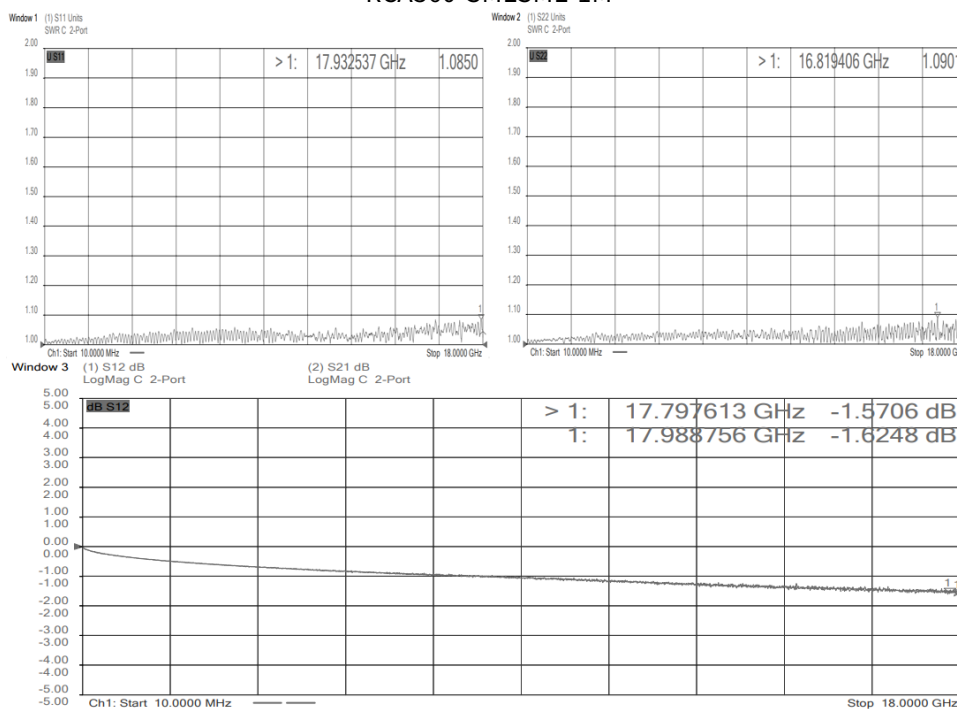




Ultra-Low Loss Phase Stable Cable Assembly, RCA360-SMESME-L SMA Male to SMA Male, DC-18GHz, ø3.6mm

Typical Test Data

RCA360-SMESME-1M



RCA360-SMESME-1.5M



Ultra-Low Loss Phase Stable Cable Assembly, RCA360-SMESME-L SMA Male to SMA Male, DC-18GHz, $\varnothing 3.6\text{mm}$

Typical Test Data

RCA360-SMESME-5M