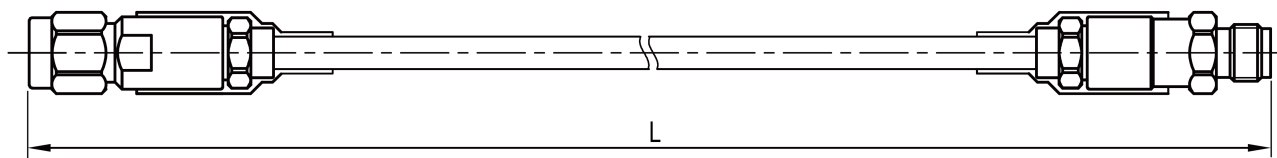




Ultra-Low Loss Phase Stable Cable Assembly, RCA360-SMKF-L

SMA Male to 2.92mm Female, DC-26.5GHz, $\varnothing 3.6\text{mm}$

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



Electrical & Environmental

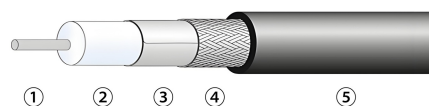
Frequency Range	DC-26.5GHz, 50 Ohms
Avg Power@25°C	65.8W @26.5GHz
I L@1M	2.65 dB Max @26.5GHz
VSWR	1.3 Max
Dk	1.49
Capacitance	80 pF/m
Inductance	0.19 uH/m
VOP	83%
SE	90dB Min
Voltage	1000V@DC
Temp. Phase	750 PPM Max
OT	-40~+125°C

Product Information

Product Number	RCA360-SMKF-L
Product Type	Ultra-Low Loss Phase Stable Cable Assembly
Cable	RCA360
Connector	SMA Male to 2.92mm(K,SK) Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass & Gold plated beryllium copper
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	$\Phi D(\text{mm})$
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	15GHz	26.5GHz
RCA360-SMKF-300	0.80 dB	1.05 dB	1.21 dB
RCA360-SMKF-600	0.99 dB	1.50 dB	1.83 dB
RCA360-SMKF-1M	1.26 dB	2.10 dB	2.65 dB
RCA360-SMKF-1.5M	1.58 dB	2.85 dB	3.67 dB
RCA360-SMKF-2M	1.91 dB	3.60 dB	4.70 dB