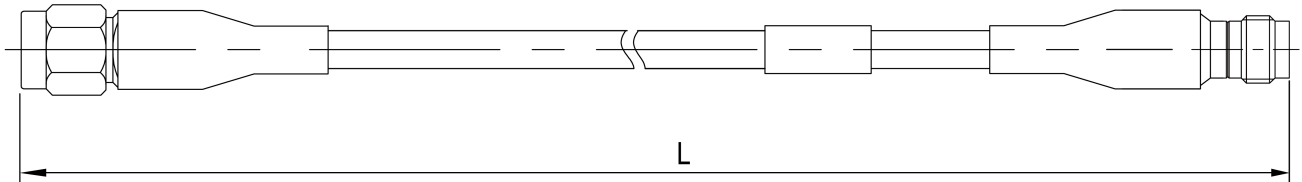


## Ultra-Low Loss Phase Stable Cable Assembly, RCA360-KMUF-L 2.92mm Male to 2.4mm Female, DC-40GHz, ø3.6mm

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

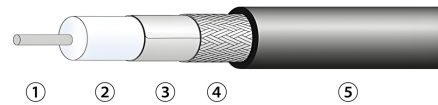
<b>Frequency Range</b>	DC-40GHz, 50 Ohms
<b>Avg Power@25°C</b>	52.5W @40GHz
<b>I L@1M</b>	3.06 dB Max @40GHz
<b>VSWR</b>	1.3 Max
<b>Dk</b>	1.49
<b>Capacitance</b>	80 pF/m
<b>Inductance</b>	0.19 uH/m
<b>VOP</b>	83%
<b>SE</b>	90dB Min
<b>Voltage</b>	1000V@DC
<b>Temp. Phase</b>	750PPM Max
<b>OT</b>	-40~+125°C

### Product Information

<b>Product Number</b>	RCA360-KMUF-L
<b>Product Type</b>	Ultra-Low Loss Phase Stable Cable Assembly
<b>Cable</b>	RCA360
<b>Connector</b>	2.92mm(K,SK) Male to 2.4mm Female
<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated beryllium copper
<b>Bend Radius</b>	18.00mm
<b>Bend Radius (Rep.)</b>	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	22GHz	40GHz
RCA360-KMUF-300	0.70 dB	1.05 dB	1.27 dB
RCA360-KMUF-600	0.89 dB	1.60 dB	2.03 dB
RCA360-KMUF-800	1.03 dB	1.97 dB	2.55 dB
RCA360-KMUF-1M	1.16 dB	2.33 dB	3.06 dB
RCA360-KMUF-1.5M	1.48 dB	3.25 dB	4.34 dB
RCA360-KMUF-2M	1.81 dB	4.16 dB	5.61 dB
RCA360-KMUF-6M	4.44 dB	11.49 dB	15.84 dB