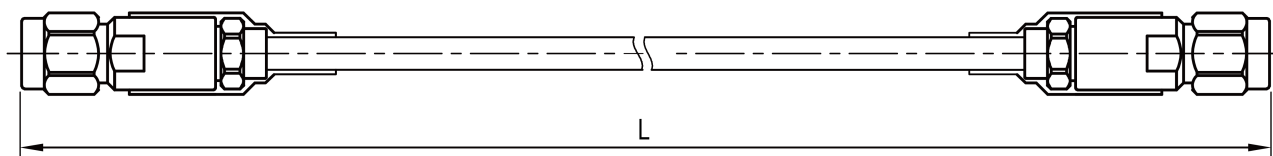


Super-Soft Low Loss Stable Phase Coaxial Cable Assembly, **RCC360-SMSM-L**

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



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



Electrical & Environmental

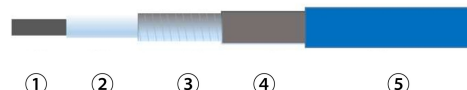
Frequency Range	DC-26.5GHz, 50 Ohms
Avg Power@25°C	36W @26.5GHz, 83W @6GHz
Insertion Loss@1M	3.66 dB Max @26.5GHz
VSWR	1.25 Max
Capacitance	88 pF/m
Velocity of Propagation	76%
Shielding Effectiveness	90dB Min
Withstand Voltage	1000V@DC
Temperature Phase	1500 PPM Max
OT	-55~+85°C

Product Information

Product Number	RCC360-SMSM-L
Product Type	Super-Soft Low Loss Stable Phase Coaxial Cable Assembly
Cable	RCC360
Connector	SMA Male to SMA Male
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	14.50mm
Bend Radius (Repeated)	29.00mm

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

RCC360 Structure Characteristics



Structure	Material	$\Phi D(\text{mm})$
1.Center Conductor	Stranded Silver-plated Copper	0.72
2.Dielectric	LD-PTFE	2.05
3.Inner shield	Silver-plated Copper Tape Wrapping	2.25
4.Outer Shield	Silver-plated Copper Wire Braiding	2.66
5.Jacket	Blue TPU	3.60

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	15GHz	26.5GHz
RCC360-SMSM-150	0.74 dB	0.93 dB	1.06 dB
RCC360-SMSM-200	0.78 dB	1.04 dB	1.21 dB
RCC360-SMSM-1M	1.52 dB	2.79 dB	3.66 dB