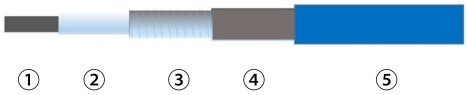
Super-Soft Low Loss Stable Phase Coaxial Cable, RCC360
DC-40GHz, ø3.6mm, P-Grade, Super Soft



01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-40GHz
Impedance	50 Ohms
CW power@25℃	29W @40GHz, 122W @3GHz
Attenuation@Length 1m	3.89 dB Max @40GHz
Capacitance	88 pF/m
VOP	76%
SE	90dB Min
Voltage	1000V@DC
Temp. Phase	1500PPM Max
OT	-55 ~ +85℃

03

Product Information

Product Number	RCC360, P-Grade
Product Type	Super-Soft Low Loss Stable Phase Coaxial Cable
Bend Radius (Inst.)	14.50mm
Bend Radius (Rep.)	29.00mm
Net Weight	About 27.0g per meter

04

RFTOP P/N and Packaging

RFTOP P/N	Length	Packaging
RCC360-10M	10 m	Sealed bag
RCC360-300M	300 m	Wooden Reel

RCC360 Structure Characteristics		
Structure	**Material**	**Diameter**
1.Center Conductor	Stranded Silver-plated Copper	0.72 mm
2.Dielectric	LD-PTFE	2.05 mm
3.Inner shield	Silver-plated Copper Tape Wrapping	2.25 mm
4.Outer Shield	Silver-plated Copper Wire Braiding	2.66 mm
5.Jacket	Blue TPU	3.60 mm
Frequency(MHz)	**ATTEN(dB/100M)**	**Avg Power(W)**
500	36.30	309
1000	51.86	216
3000	92.12	122
4000	107.34	104
6000	133.45	84
8000	156.03	72
10000	176.35	64
12400	198.66	56
18000	244.88	46
26500	305.54	37
34000	353.28	32
40000	388.83	29
dB/100M=**K1**× sqrt(FMHz) + **K2**× FMHz		
K1=1.582929 , **K2**=0.001806 , **P3**=11208.85		