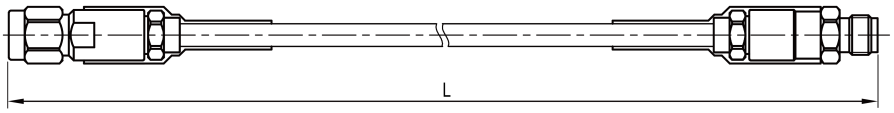


High-Performance Test Coaxial Cable Assembly, RCT360-KMKF-L
2.92mm Male to 2.92mm Female, DC-40GHz, ø3.6mm

01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-40GHz, 50 Ohms
Avg Power@25℃	53.2W @40GHz
I L@1M	3.44 dB Max @40GHz
VSWR	1.2 Max
VOP	76%
SE	90dB Min
ATTEN-STAB	±0.05dB Max
Voltage	500V@DC
Mech. Phase	±7°
OT	-55~+125℃

03

Product Information

Product Number	RCT360-KMKF-L
Product Type	High-Performance Test Coaxial Cable Assembly
Cable	RCT360
Connector	2.92mm(K,SK) Male to 2.92mm(K,SK) Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	18.00mm
Bend Radius (Rep.)	36.00mm

RCT360 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.72
2.Dielectric	LD-PTFE	2.10
3.Inner shield	Silver-plated Copper Tape Wrapping	2.25
4.Interlayer	LD-PTFE	2.55
5.Outer Shield	Silver-plated Copper Wire Braiding	3.01
6.Jacket	Blue FEP	3.60

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	22GHz	40GHz
RCT360-KMKF-300	0.50 dB	0.94 dB	1.21 dB
RCT360-KMKF-600	0.75 dB	1.63 dB	2.16 dB
RCT360-KMKF-1M	1.09 dB	2.56 dB	3.44 dB
RCT360-KMKF-1.5M	1.51 dB	3.71 dB	5.04 dB
RCT360-KMKF-2M	1.93 dB	4.86 dB	6.63 dB



High-Performance Test Coaxial Cable Assembly, RCT360-KMKF-L 2.92mm Male to 2.92mm Female, DC-40GHz, ø3.6mm

04 Typical Test Data

RCT360-KMKF-1M

