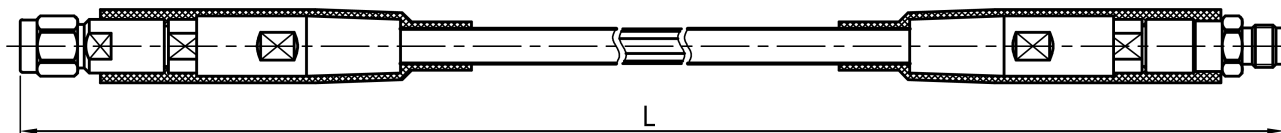




Armored Test Cable Assembly, RCP600-KMKF-L 2.92mm Male to 2.92mm Female, DC-40GHz, Ø6mm

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



Electrical & Environmental

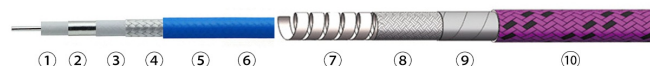
Frequency Range	DC-40GHz, 50 Ohms
Avg Power@25°C	75W @40GHz, 203W @6GHz
Insertion Loss@1M	3.44 dB Max @40GHz
VSWR	1.3 Max
Velocity of Propagation	76%
Shielding Effectiveness	90dB Min
Attenuation stability	± 0.05 dB Max
Withstand Voltage	500V@DC
Mechanical Phase	$\pm 7^\circ$
OT	-55~+165°C

Product Information

Product Number	RCP600-KMKF-L
Product Type	Armored Test Cable Assembly
Cable	RCT360/RCP600
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 (Repeated)	36.00mm

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

RCT360/RCP600 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
7.Spring	Stainless steel Tape	4.95
8.Braided Layer	Tin-plated Copper Wire	5.20
9.Stable Layer	PTFE	5.50
10.Armor Jacket	Purplish Black PTFE	6.00

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	22GHz	40GHz
RCP600-KMKF-600	0.75 dB	1.63 dB	2.16 dB
RCP600-KMKF-1M	1.09 dB	2.56 dB	3.44 dB
RCP600-KMKF-1.5M	1.51 dB	3.71 dB	5.04 dB
RCP600-KMKF-2M	1.93 dB	4.86 dB	6.63 dB