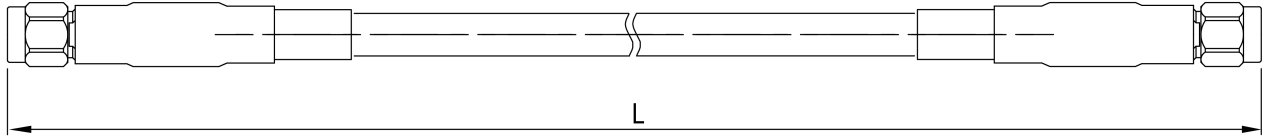


## Armored Test Cable Assembly, RCP670E-KMKM-L 2.92mm Male to 2.92mm Male, DC-40GHz, ø6.7mm

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

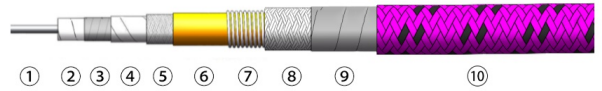
<b>Frequency Range</b>	DC-40GHz, 50 Ohms
<b>Avg Power@25°C</b>	39.9W @40GHz
<b>IL@1M</b>	3.18 dB Max @40GHz
<b>VSWR</b>	1.3 Max
<b>VOP</b>	83%
<b>SE</b>	90dB Min
<b>ATTEN-STAB</b>	±0.04dB
<b>Mech. Phase</b>	±4°
<b>OT</b>	-40~+150°C

### Product Information

<b>Product Number</b>	RCP670E-KMKM-L
<b>Product Type</b>	Armored Test Cable Assembly
<b>Cable</b>	RCT400/RCP670
<b>Connector</b>	2.92mm(K,SK) Male to 2.92mm(K,SK) Male
<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated beryllium copper
<b>Bend Radius</b>	33.00mm
<b>Bend Radius (Rep.)</b>	67.00mm

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

### RCT400/RCP670 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 Braiding	2.66
4.Interlayer	LD-PTFE	2.95
5.Outer Shield	Silver-plated Copper Wire Braiding	3.40
6.Jacket	Yellow FEP	4.20
7.Spring	Silver-plated Copper	5.34
8.Braided Layer	Tinned Wire	5.74
9.Stable Layer	PTFE	6.00
10.Armor Jacket	Purplish Black PTFE	6.70

### Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	22GHz	40GHz
RCP670E-KMKM-600	1.00 dB	1.71 dB	2.15 dB
RCP670E-KMKM-1M	1.27 dB	2.45 dB	3.18 dB
RCP670E-KMKM-1.5M	1.61 dB	3.38 dB	4.46 dB
RCP670E-KMKM-2M	1.94 dB	4.31 dB	5.75 dB