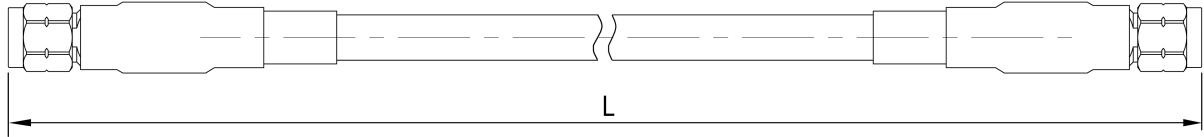


## Armored Test Cable Assembly, RCP600E-UMUM-L 2.4mm Male to 2.4mm Male, DC-50GHz, ø6mm

Dimensions(mm) Tolerance±1%



### Electrical & Environmental

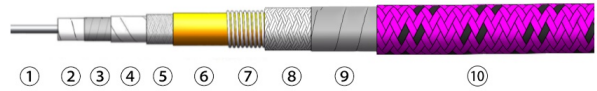
<b>Frequency Range</b>	DC-50GHz, 50 Ohms
<b>Avg Power@25°C</b>	47.6W @50GHz
<b>IL@1M</b>	4.19 dB Max @50GHz
<b>VSWR</b>	1.3 Max
<b>VOP</b>	76%
<b>SE</b>	90dB Min
<b>ATTEN-STAB</b>	±0.08dB
<b>Mech. Phase</b>	±6.7°
<b>OT</b>	-40~+150°C

### Product Information

<b>Product Number</b>	RCP600E-UMUM-L
<b>Product Type</b>	Armored Test Cable Assembly
<b>Cable</b>	RCT360Z/RCP600E
<b>Connector</b>	2.4mm Male to 2.4mm Male
<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated beryllium copper
<b>Bend Radius</b>	30.00mm
<b>Bend Radius (Rep.)</b>	60.00mm

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

### RCT360Z/RCP600E 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 Braiding	2.25
4.Interlayer	LD-PTFE	2.55
5.Outer Shield	Silver-plated Copper Wire Braiding	3.01
6.Jacket	Yellow FEP	4.00
7.Spring	Silver-plated Copper	5.00
8.Braided Layer	Tinned Wire	5.30
9.Stable Layer	PTFE	5.60
10.Armor Jacket	Purplish Black PTFE	6.10

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

RFTOP P/N	3GHz	26GHz	50GHz
RCP600E-UMUM-600	1.10 dB	2.14 dB	2.75 dB
RCP600E-UMUM-1M	1.44 dB	3.17 dB	4.19 dB
RCP600E-UMUM-1.5M	1.86 dB	4.46 dB	5.99 dB
RCP600E-UMUM-2M	2.28 dB	5.74 dB	7.78 dB