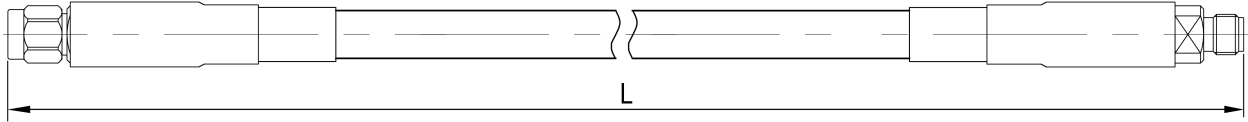


## Armored Test Cable Assembly, RCP760E-SMSF-L SMA Male to SMA Female, DC-26.5GHz, ø7.6mm

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

<b>Frequency Range</b>	DC-26.5GHz, 50 Ohms
<b>Avg Power@25°C</b>	67.9W @26.5GHz
<b>IL@1M</b>	2.23 dB Max @26.5GHz
<b>VSWR</b>	1.3 Max
<b>VOP</b>	76%
<b>SE</b>	90dB Min
<b>ATTEN-STAB</b>	±0.03dB
<b>Mech. Phase</b>	±2.7°
<b>OT</b>	-40~+150°C

### Product Information

<b>Product Number</b>	RCP760E-SMSF-L
<b>Product Type</b>	Armored Test Cable Assembly
<b>Cable</b>	RCT500/RCP760
<b>Connector</b>	SMA Male to SMA Female
<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	Gold plated brass & Gold plated beryllium copper
<b>Bend Radius</b>	38.00mm
<b>Bend Radius (Rep.)</b>	76.00mm

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

### RCT500/RCP760 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	1.02
2.Dielectric	LD-PTFE	3.07
3.Inner shield	Silver-plated Copper Tape Braiding	3.27
4.Interlayer	LD-PTFE	3.54
5.Outer Shield	Silver-plated Copper Wire Braiding	3.94
6.Jacket	Yellow FEP	5.00
7.Spring	Silver-plated Copper	6.14
8.Braided Layer	Tinned Wire	6.55
9.Stable Layer	PTFE	6.85
10.Armor Jacket	Purplish Black PTFE	7.55

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

RFTOP P/N	3GHz	15GHz	26.5GHz
RCP760E-SMSF-600	0.74 dB	1.19 dB	1.50 dB
RCP760E-SMSF-1M	0.96 dB	1.72 dB	2.23 dB
RCP760E-SMSF-1.5M	1.25 dB	2.38 dB	3.15 dB
RCP760E-SMSF-2M	1.53 dB	3.05 dB	4.07 dB