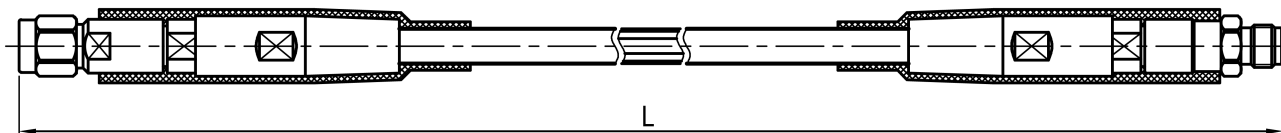


Armored Test Cable Assembly, RCP760-SMSF-L SMA Male to SMA Female, DC-26.5GHz, ø7.6mm

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



Electrical & Environmental

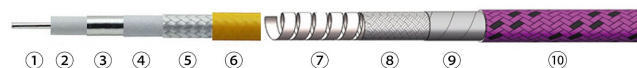
Frequency Range	DC-26.5GHz, 50 Ohms
Avg Power@25°C	100W @26.5GHz, 220W @6GHz
Insertion Loss@1M	2.23 dB Max @26.5GHz
VSWR	1.3 Max
Velocity of Propagation	76%
Shielding Effectiveness	90dB Min
Attenuation stability	± 0.03 dB Max
Mechanical Phase	$\pm 2.7^\circ$
OT	-40~+125°C

Product Information

Product Number	RCP760-SMSF-L
Product Type	Armored Test Cable Assembly
Cable	RCT500/RCP760
Connector	SMA Male to SMA Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	30.50mm
Bend Radius (Repeated)	61.00mm

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	3.57
5.Outer Shield	Silver-plated Copper Wire Braiding	3.97
6.Jacket	Yellow FEP	4.60
7.Spring	Stainless steel Tape	6.40
8.Braided Layer	Tinned Wire	6.90
9.Stable Layer	PTFE	7.15
10.Armor Jacket	Purplish Black PTFE	7.60

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	15GHz	26.5GHz
RCP760-SMSF-600	0.74 dB	1.19 dB	1.50 dB
RCP760-SMSF-1M	0.96 dB	1.72 dB	2.23 dB
RCP760-SMSF-1.5M	1.25 dB	2.38 dB	3.15 dB
RCP760-SMSF-2M	1.53 dB	3.05 dB	4.07 dB