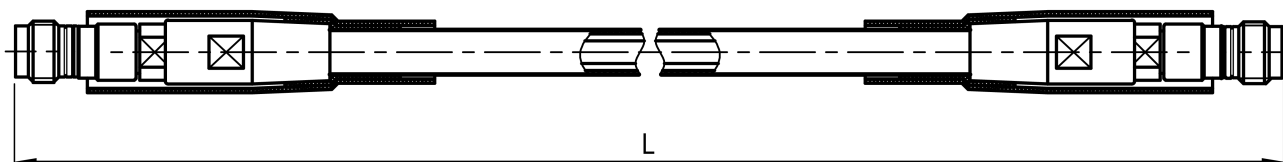




Armored Test Cable Assembly, RCP500-VFVF-L 1.85mm Female to 1.85mm Female, DC-67GHz, ø5mm

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



Electrical & Environmental

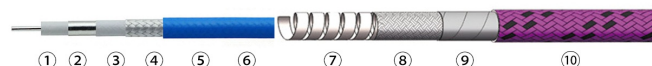
Frequency Range	DC-67GHz, 50 Ohms
Avg Power@25°C	28W @67GHz, 107W @6GHz
Insertion Loss@1M	6.32 dB Max @67GHz
VSWR	1.25 Max
Velocity of Propagation	74%
Shielding Effectiveness	90dB Min
Withstand Voltage	500V@DC
OT	-55~+165°C

Product Information

Product Number	RCP500-VFVF-L
Product Type	Armored Test Cable Assembly
Cable	RCT260/RCP500
Connector	1.85mm Female to 1.85mm Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	11.00mm
Bend Radius (Repeated)	28.00mm

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

RCT260/RCP500 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.51
2.Dielectric	LD-PTFE	1.55
3.Inner shield	Silver-plated Copper Tape Wrapping	1.70
4.Interlayer	LD-PTFE	1.90
5.Outer Shield	Silver-plated Copper Wire Braiding	2.20
6.Jacket	Blue FEP	2.60
7.Spring	Stainless steel Tape	3.80
8.Braided Layer	Tin-plated Copper Wire	4.15
9.Stable Layer	PTFE	4.45
10.Armor Jacket	Purplish Black PTFE	5.00

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	35GHz	67GHz
RCP500-VFVF-600	0.97 dB	2.79 dB	3.91 dB
RCP500-VFVF-800	1.19 dB	3.62 dB	5.12 dB
RCP500-VFVF-1M	1.41 dB	4.46 dB	6.32 dB
RCP500-VFVF-1.5M	1.97 dB	6.53 dB	9.33 dB
RCP500-VFVF-2M	2.52 dB	8.61 dB	12.34 dB



Microwave and Millimeter wave products
supplier

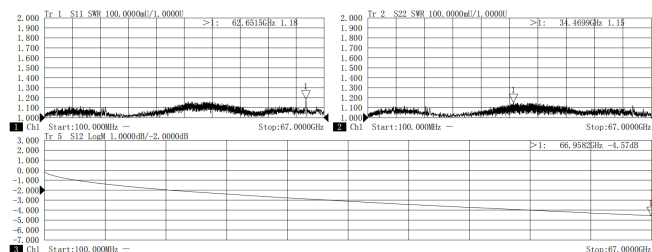
RFTOP® Technology Co., Ltd.
www.rftop.com service@rftop.com [86-755-88840350](tel:86-755-88840350)



Armored Test Cable Assembly, RCP500-VFVF-L 1.85mm Female to 1.85mm Female, DC-67GHz, $\varnothing$ 5mm

Typical Test Data

RCP500-VFVF-800



RCP500-VFVF-1M

