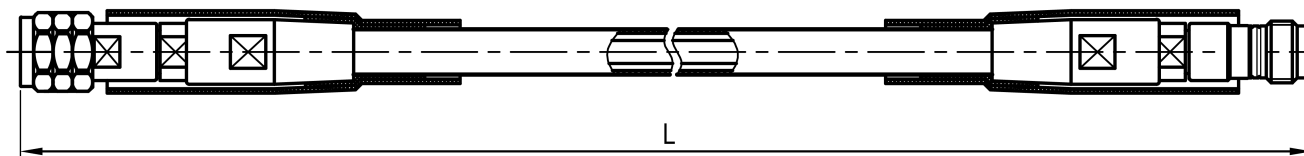




Armored Test Cable Assembly, RCP500-VMVF-L 1.85mm Male to 1.85mm Female, DC-67GHz, Ø5mm

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



Electrical & Environmental

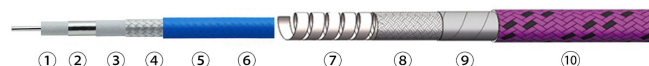
Frequency Range	DC-67GHz, 50 Ohms
Avg Power@25°C	28W @67GHz, 107W @6GHz
Insertion Loss@1M	6.32 dB Max @67GHz
VSWR	1.25 Max
Velocity of Propagation	74%
Shielding Effectiveness	90dB Min
Withstand Voltage	500V@DC
OT	-40~+125°C

Product Information

Product Number	RCP500-VMVF-L
Product Type	Armored Test Cable Assembly
Cable	RCT260/RCP500
Connector	1.85mm Male to 1.85mm Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	20.00mm
Bend Radius (Repeated)	40.00mm

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	Tinned 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-VMVF-600	0.97 dB	2.79 dB	3.91 dB
RCP500-VMVF-800	1.19 dB	3.62 dB	5.12 dB
RCP500-VMVF-1M	1.41 dB	4.46 dB	6.32 dB
RCP500-VMVF-1.5M	1.97 dB	6.53 dB	9.33 dB
RCP500-VMVF-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-VMVF-L 1.85mm Male to 1.85mm Female, DC-67GHz, $\varnothing$ 5mm

Typical Test Data

RCP500-VMVF-1.5M

