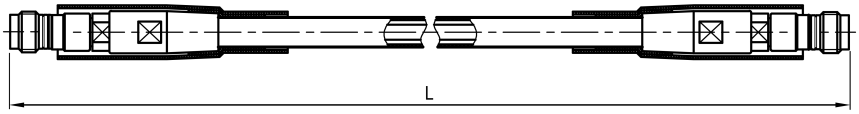


Armored Test Cable Assembly, RCP500-VFVF-L
1.85mm Female to 1.85mm Female, DC-67GHz, ø5mm

01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

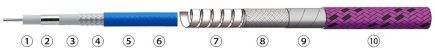
Frequency Range	DC-67GHz, 50 Ohms
Avg Power@25℃	19.6W @67GHz
I L@1M	6.32 dB Max @67GHz
VSWR	1.3 Max
VOP	74%
SE	90dB Min
Voltage	500V@DC
ATTEN-STAB	±0.05dB
Mech. Phase	±10°
OT	-40~+125℃

03

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	20.00mm
Bend Radius (Rep.)	40.00mm

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℃

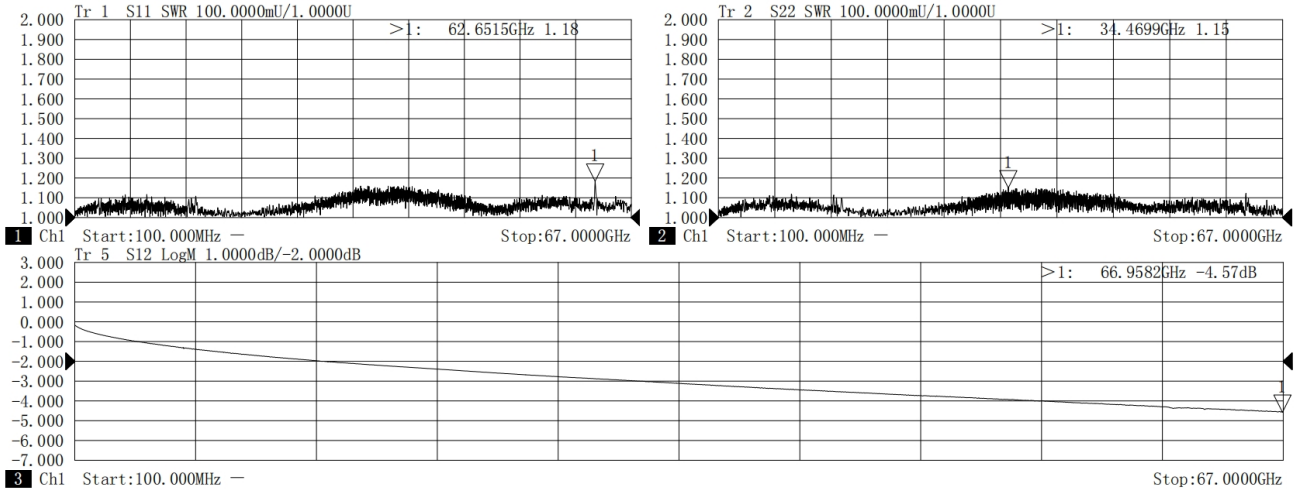
RFTOP P/N	3GHz	35GHz	67GHz
RCP500-VFVF-600	0.97 dB	2.79 dB	3.91 dB
RCP500-VFVF-800	1.19 dB	3.62 dB	5.12 dB
RCP500-VFVF-1M	1.41 dB	4.46 dB	6.32 dB
RCP500-VFVF-1.5M	1.97 dB	6.53 dB	9.33 dB
RCP500-VFVF-2M	2.52 dB	8.61 dB	12.34 dB



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

04 Typical Test Data

RCP500-VFVF-800



RCP500-VFVF-1M

