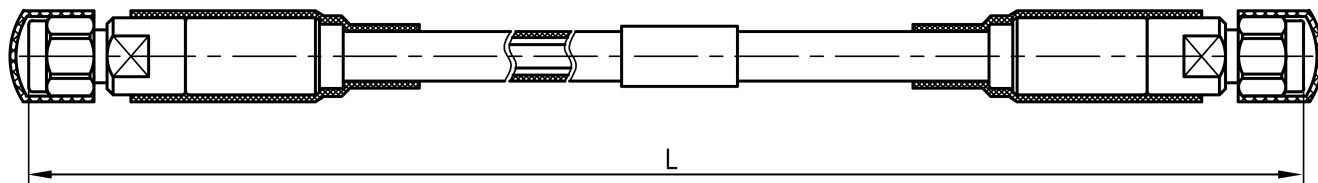




Armored Test Cable Assembly, [RCP400B-WMWM-L](#)
1.0mm Male to 1.0mm Male, DC-110GHz, ø4mm

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



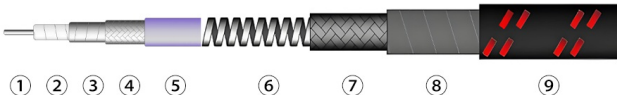
Electrical & Environmental

Frequency Range	DC-110GHz, 50 Ohms
Avg Power@25°C	2.1W @110GHz
Insertion Loss@1M	15.2 dB Max @110GHz
VSWR	1.4 Max
Velocity of Propagation	80%
Shielding Effectiveness	90dB Min
Withstand Voltage	200V@DC
OT	-40~+125°C

Product Information

Product Number	RCP400B-WMWM-L
Product Type	Armored Test Cable Assembly
Cable	RCA146/RCP400B
Connector	1.0mm Male to 1.0mm Male
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	11.00mm
Bend Radius (Repeated)	33.00mm

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

RCA146/RCP400B Structure Characteristics			
			
Structure	Material		ΦD(mm)
1.Center Conductor	Silver-plated Copper Covered Steel		0.29
2.Dielectric	LD-PTFE		0.84
3.Inner shield	Silver-plated Copper Tape Wrapping		1.00
4.Outer Shield	Silver-plated Copper Wire Braiding		1.24
5.Jacket	Light Purple FEP		1.46
6.Spring	Stainless steel Tape		2.80
7.Braided Layer	Silver-plated Copper Wire Braiding		3.10
8.Stable Layer	Waterproof Glue		3.30
9.Armor Jacket	Blackish Red PTFE		4.00
Product Selection and Loss Index @25℃			
RFTOP P/N	3GHz	56GHz	110GHz
RCP400B-WMWM-150	1.44 dB	2.60 dB	3.21 dB
RCP400B-WMWM-200	1.55 dB	3.09 dB	3.92 dB
RCP400B-WMWM-250	1.66 dB	3.59 dB	4.62 dB
RCP400B-WMWM-300	1.77 dB	4.09 dB	5.33 dB
RCP400B-WMWM-350	1.88 dB	4.59 dB	6.03 dB
RCP400B-WMWM-400	2.00 dB	5.09 dB	6.74 dB
RCP400B-WMWM-450	2.11 dB	5.59 dB	7.44 dB
RCP400B-WMWM-500	2.22 dB	6.09 dB	8.15 dB



Microwave and Millimeter wave products
supplier

RFTOP® Technology Co., Ltd.
www.rftop.com service@rftop.com 86-755-88840350



Armored Test Cable Assembly, **RCP400B-WMWM-L** 1.0mm Male to 1.0mm Male, DC-110GHz, $\varnothing 4\text{mm}$

Typical Test Data

RCP400B-WMWM-1M

