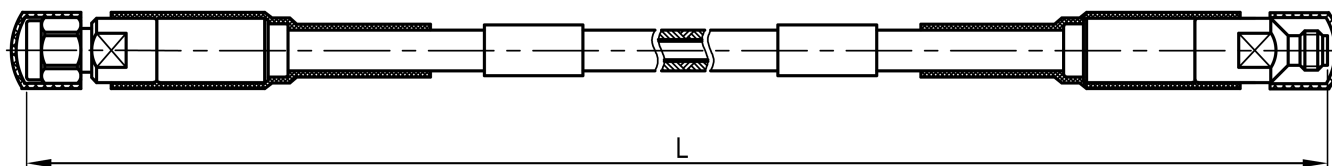




Armored Test Cable Assembly, RCP400B-WMWF-L 1.0mm Male to 1.0mm Female, DC-110GHz, ø4mm

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



Electrical & Environmental

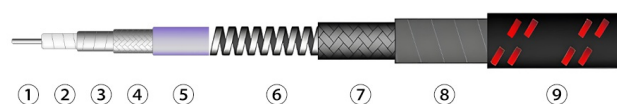
Frequency Range	DC-110GHz, 50 Ohms
Avg Power@25°C	3W @110GHz, 13W @6GHz
Insertion Loss@1M	15.2 dB Max @110GHz
VSWR	1.5 Max
Velocity of Propagation	80%
Shielding Effectiveness	90dB Min
Withstand Voltage	200V@DC
OT	-55~+165°C

Product Information

Product Number	RCP400B-WMWF-L
Product Type	Armored Test Cable Assembly
Cable	RCA146/RCP400B
Connector	1.0mm Male to 1.0mm Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	7.00mm
Bend Radius (Repeated)	15.00mm

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	PTFE	3.30
9.Armor Jacket	Blackish Red PTFE	4.00

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	56GHz	110GHz
RCP400B-WMWF-300	1.77 dB	4.09 dB	5.33 dB
RCP400B-WMWF-500	2.22 dB	6.09 dB	8.15 dB
RCP400B-WMWF-600	2.44 dB	7.08 dB	9.56 dB
RCP400B-WMWF-1M	3.34 dB	11.07 dB	15.2 dB