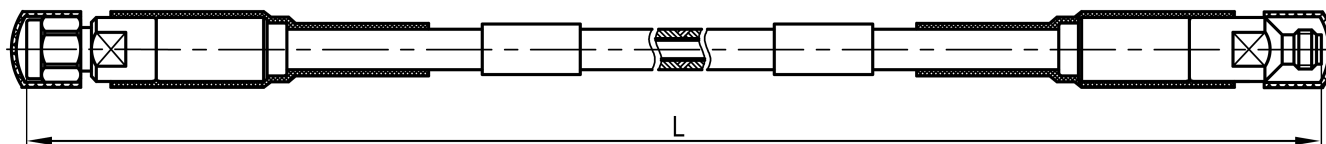




Armored Test Cable Assembly, RCP400-WMWF-L 1.0mm Male to 1.0mm Female, DC-110GHz, Ø4mm

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



Electrical & Environmental

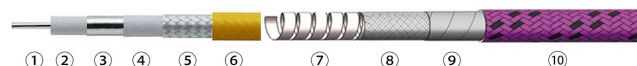
Frequency Range	DC-110GHz, 50 Ohms
Avg Power@25°C	W @110GHz, W @6GHz
Insertion Loss@1M	dB Max @110GHz
VSWR	1.5 Max
Velocity of Propagation	76%
Shielding Effectiveness	90dB Min
Attenuation stability	± 0.15 dB Max
Mechanical Phase	$\pm 9^\circ$
OT	-55~+125°C

Product Information

Product Number	RCP400-WMWF-L
Product Type	Armored Test Cable Assembly
Cable	RCT200/RCP400
Connector	1.0mm Male to 1.0mm Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	10.00mm
Bend Radius (Repeated)	20.00mm

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

RCT200/RCP400 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.30
2.Dielectric	LD-PTFE	0.92
3.Inner shield	Silver-plated Copper Tape Braiding	1.05
4.Interlayer	LD-PTFE	1.30
5.Outer Shield	Silver-plated Copper Wire Braiding	1.50
6.Jacket	Yellow FEP	2.00
7.Spring	Stainless steel Tape	2.80
8.Braided Layer	Tin-plated Copper Wire	3.15
9.Stable Layer	PTFE	3.45
10.Armor Jacket	Purplish Black PTFE	4.10

Product Selection and Loss Index @25°C

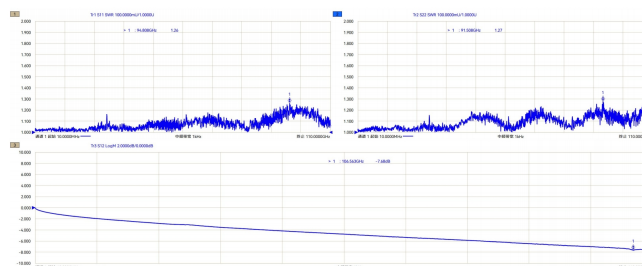
RFTOP P/N	3GHz	56GHz	110GHz
RCP400-WMWF-300	dB	dB	dB
RCP400-WMWF-500	dB	dB	dB
RCP400-WMWF-600	dB	dB	dB
RCP400-WMWF-1M	dB	dB	dB
RCP400-WMWF-2M	dB	dB	dB
RCP400-WMWF-3M	dB	dB	dB



Armored Test Cable Assembly, **RCP400-WMWF-L** 1.0mm Male to 1.0mm Female, DC-110GHz, $\varnothing$ 4mm

Typical Test Data

RCP400-WMWF-500





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