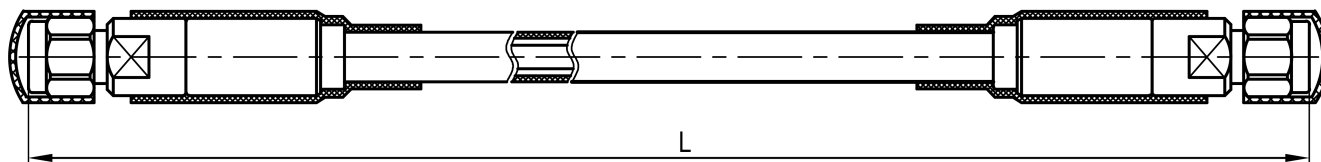




Armored Test Cable Assembly, RCP400-WMWM-L 1.0mm Male to 1.0mm Male, DC-110GHz, ø4mm

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



Electrical & Environmental

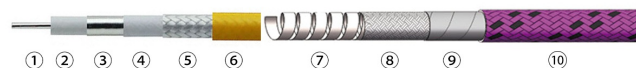
Frequency Range	DC-110GHz, 50 Ohms
Avg Power@25°C	4.9W @110GHz
I L@1M	14.34 dB Max @110GHz
VSWR	1.45 Max
VOP	76%
SE	90dB Min
ATTEN-STAB	± 0.15 dB Max
Mech. Phase	$\pm 9^\circ$
OT	-40~+125°C

Product Information

Product Number	RCP400-WMWM-L
Product Type	Armored Test Cable Assembly
Cable	RCT200/RCP400
Connector	1.0mm Male to 1.0mm Male
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	16.50mm
Bend Radius (Rep.)	33.00mm

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	Tinned Wire	3.15
9.Stable Layer	PTFE	3.45
10.Armor Jacket	Purplish Black PTFE	4.10

Product Selection and Loss Index @25°C

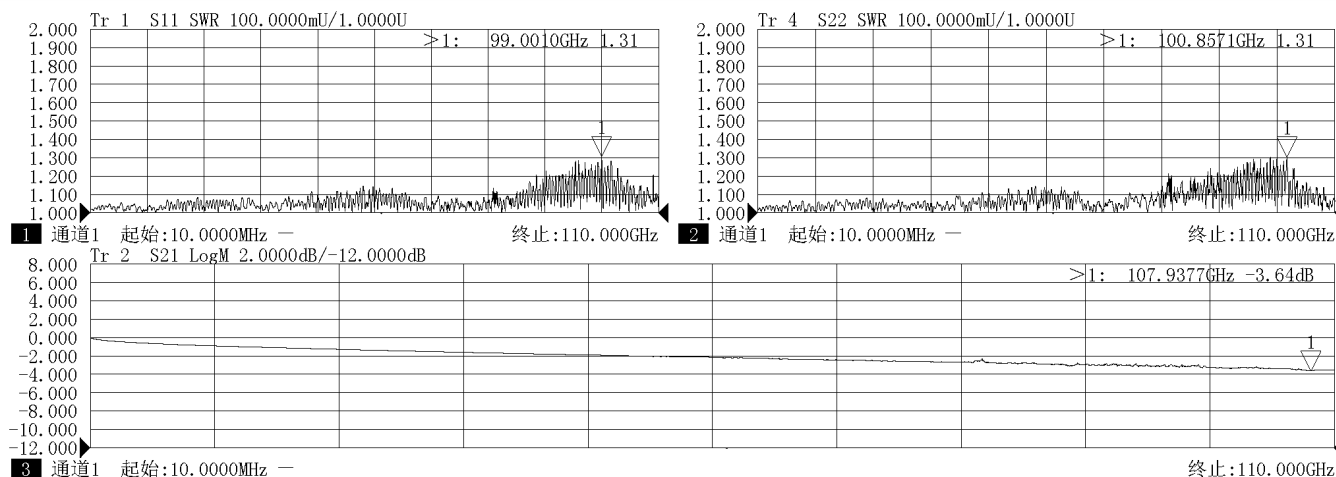
RFTOP P/N	3GHz	56GHz	110GHz
RCP400-WMWM-200	1.60 dB	3.03 dB	3.83 dB
RCP400-WMWM-300	1.80 dB	3.94 dB	5.14 dB
RCP400-WMWM-400	1.99 dB	4.86 dB	6.46 dB
RCP400-WMWM-500	2.19 dB	5.77 dB	7.77 dB
RCP400-WMWM-600	2.39 dB	6.69 dB	9.09 dB
RCP400-WMWM-1M	3.19 dB	10.35 dB	14.34 dB



Armored Test Cable Assembly, RCP400-WMWM-L 1.0mm Male to 1.0mm Male, DC-110GHz, ϕ 4mm

Typical Test Data

RCP400-WMWM-200



RCP400-WMWM-500

