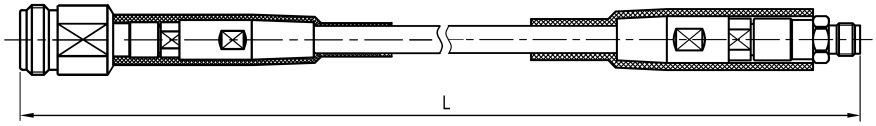


Armored Test Cable Assembly, RCP600-NFQF-L
N Female to 3.5mm Female, DC-18GHz, ø6mm

01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

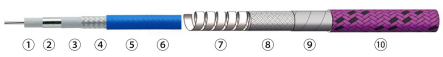
Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25℃	81.2W @18GHz
I L@1M	2.3 dB Max @18GHz
VSWR	1.2 Max
VOP	76%
SE	90dB Min
ATTEN-STAB	±0.05dB Max
Voltage	500V@DC
Mech. Phase	±7°
OT	-40~+125°C

03

Product Information

Product Number	RCP600-NFQF-L
Product Type	Armored Test Cable Assembly
Cable	RCT360/RCP600
Connector	N Female to 3.5mm Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated beryllium copper
Bend Radius	24.00mm
Bend Radius (Rep.)	48.00mm

RCT360/RCP600 Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	0.72
2.Dielectric	LD-PTFE	2.10
3.Inner shield	Silver-plated Copper Tape Wrapping	2.25
4.Interlayer	LD-PTFE	2.55
5.Outer Shield	Silver-plated Copper Wire Braiding	3.01
6.Jacket	Blue FEP	3.60
7.Spring	Stainless steel Tape	4.95
8.Braided Layer	Tinned Wire	5.20
9.Stable Layer	PTFE	5.50
10.Armor Jacket	Purplish Black PTFE	6.00

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	10GHz	18GHz
RCP600-NFQF-600	0.70 dB	1.15 dB	1.46 dB
RCP600-NFQF-1M	1.04 dB	1.79 dB	2.30 dB
RCP600-NFQF-1.5M	1.46 dB	2.59 dB	3.35 dB
RCP600-NFQF-2M	1.88 dB	3.38 dB	4.40 dB