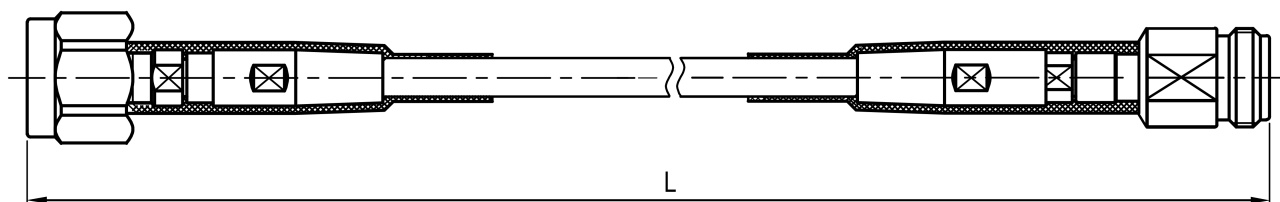




Armored Test Cable Assembly, RCP830U-NMNF-L N Male to N Female, DC-18GHz, ø8.3mm

Dimensions(mm) Tolerance±1%



Electrical & Environmental

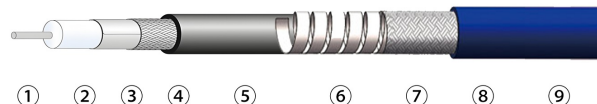
Frequency Range	DC-18GHz, 50 Ohms
Avg Power@25°C	137.2W @18GHz
Insertion Loss@1M	1.47 dB Max @18GHz
VSWR	1.25 Max
Dielectric Constant	1.45
Capacitance	80 pF/m
Inductance	0.18 uH/m
Velocity of Propagation	83%
Shielding Effectiveness	90dB Min
Withstand Voltage	1500V@DC
Temperature Phase	750 PPM Max
OT	-40~+80°C

Product Information

Product Number	RCP830U-NMNF-L
Product Type	Armored Test Cable Assembly
Cable	RCA480/RCP830U
Connector	N Male to N Female
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass & Gold plated beryllium copper
Bend Radius	33.00mm
Bend Radius (Repeated)	66.00mm

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

RCA480/RCP830U Structure Characteristics



Structure	Material	ΦD(mm)
1.Center Conductor	Single-core Silver-plated Copper	1.40
2.Dielectric	LD-PTFE	3.75
3.Inner shield	Silver-plated Copper Tape Wrapping	3.95
4.Outer Shield	Silver-plated Copper Wire Braiding	4.35
5.Jacket	Gray FEP	4.80
6.Spring	Stainless steel Tape	6.40
7.Braided Layer	Tinned Wire	6.90
8.Armor Jacket	Blue PUR	8.30

Product Selection and Loss Index @25°C

RFTOP P/N	3GHz	10GHz	18GHz
RCP830U-NMNF-600	0.65 dB	0.88 dB	1.04 dB
RCP830U-NMNF-1M	0.82 dB	1.20 dB	1.47 dB
RCP830U-NMNF-1.5M	1.03 dB	1.61 dB	2.00 dB
RCP830U-NMNF-2M	1.24 dB	2.01 dB	2.53 dB