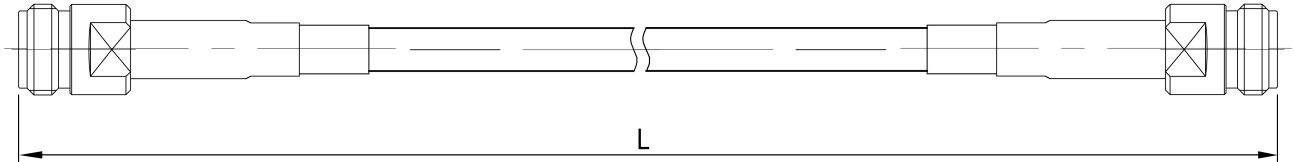


Armored Test Cable Assembly, RCP760E-NFNF-L N Female to N Female, DC-18GHz, ϕ 7.6mm

Dimensions(mm) Tolerance \pm 1%



Electrical & Environmental

| | |
|------------------------|--------------------|
| Frequency Range | DC-18GHz, 50 Ohms |
| Avg Power@25°C | 84W @18GHz |
| I L@1M | 1.88 dB Max @18GHz |
| VSWR | 1.25 Max |
| VOP | 76% |
| SE | 90dB Min |
| ATTEN-STAB | \pm 0.03dB |
| Mech. Phase | \pm 2.7° |
| OT | -40~+150°C |

Product Information

| | |
|---------------------------|------------------------------|
| Product Number | RCP760E-NFNF-L |
| Product Type | Armored Test Cable Assembly |
| Cable | RCT500/RCP760 |
| Connector | N Female to N Female |
| Connector Body | Passivated stainless steel |
| Center Contact | Gold plated beryllium copper |
| Bend Radius | 38.00mm |
| Bend Radius (Rep.) | 76.00mm |

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

RCT500/RCP760 Structure Characteristics



| Structure | Material | Φ (mm) |
|--------------------|------------------------------------|-------------|
| 1.Center Conductor | Single-core Silver-plated Copper | 1.02 |
| 2.Dielectric | LD-PTFE | 3.07 |
| 3.Inner shield | Silver-plated Copper Tape Braiding | 3.27 |
| 4.Interlayer | LD-PTFE | 3.54 |
| 5.Outer Shield | Silver-plated Copper Wire Braiding | 3.94 |
| 6.Jacket | Yellow FEP | 5.00 |
| 7.Spring | Silver-plated Copper | 6.14 |
| 8.Braided Layer | Tinned Wire | 6.55 |
| 9.Stable Layer | PTFE | 6.85 |
| 10.Armor Jacket | Purplish Black PTFE | 7.55 |

Product Selection and Loss Index @25°C

| RFTOP P/N | 3GHz | 10GHz | 18GHz |
|-------------------|---------|---------|---------|
| RCP760E-NFNF-600 | 0.74 dB | 1.06 dB | 1.29 dB |
| RCP760E-NFNF-1M | 0.96 dB | 1.50 dB | 1.88 dB |
| RCP760E-NFNF-1.5M | 1.25 dB | 2.05 dB | 2.62 dB |
| RCP760E-NFNF-2M | 1.53 dB | 2.60 dB | 3.35 dB |