

SilverLine[®]-75 (75 Ohm)

ISO 9001 Certified

Coaxial Test Cables,

- 75 Ohm OEM replacement test port cables
- CATV
- Subscriber drop products, 75 Ohm coax cable & connector manufacturing

Now +125°C
Operating
Temperature
Range



SilverLine[®]-75 (Ohm) exhibits identical RF performance to major test equipment maker's OEM cables yet with vastly increased durability and ruggedness. That's because SilverLine[®]-75 uses the same robust, proven connector attachment and strain relief systems that have made our 50 Ohm version the first choice of demanding customers around the world.

Times uses only the highest quality, highest performing connector and cable designs in all SilverLine[®] products. SilverLine[®]-75 follows the same tradition.

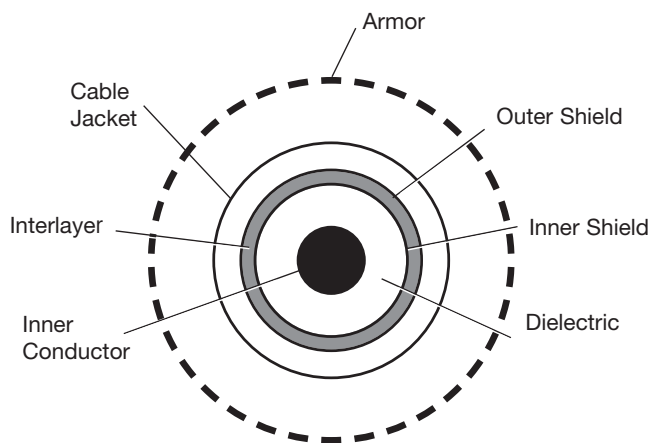
Features & Benefits:

- Replaces Agilent 11857 series and similar 75 Ohm test port cables.
- Use with Agilent, Rohde & Schwarz or other 75 Ohm network analyzers
- Precision stainless steel 75 Ohm Type N & F connectors
- Exceptional return loss
- Proven connector attachment method

Time's Silverline[®] Product Guarantee

Times will repair or replace your SilverLine test cable at its option if the connector attachment fails within four months of shipment. This guarantee excludes cable or connector interface damage from misuse or abuse.

SilverLine®-75



Cable Construction

Inner Conductor: Solid silver plated copper clad steel

Dielectric: Solid PTFE

Shield: Silver-Plated Copper flat ribbon braid aluminum-polyimide tape interlayer 36 GA silver-plated copper round braid (90%k)

Jacket: Clear FEP

Armor: PVC and steel options

PVC: Steel reinforced, thick wall high flex life clear PVC

TPR-Steel: 100% coverage, square locked, galvanized steel hose, high angle steel braid and TPR jacket

Connectors: Captive contact, stainless steel construction

*Mating life assumes the use of a calibrated torque wrench, interfaces are clean and within mil spec limits.

| Mechanical Specifications | | | |
|---|-------------------|--|-------------------|
| Dimensions | | in | mm |
| Outside Diameter | | 0.195 | 4.95 |
| Armor (optional) | | 0.450 | 11.50 |
| Minimum Bend Radius | | 1 | 25 |
| Connector Retention | | >175 lbs (unarmored) 300 lbs (armored) | |
| Crush Resistance (armored) | | PVC: 1200 lbs./linear in. Steel: 1500 lbs./linear in | |
| Mating Life Cycle | | >5000* | |
| Temperature Range | | -67°/+ 257°F | -55° / +125°C |
| Electrical Specifications | | | |
| VSWR | | 1 Ghz | 3 Ghz |
| Max | F Type and Type N | 1.11:1 (26 dB RL) | 1.13:1 (24 dB RL) |
| Impedance | | 75 Ohms | |
| Velocity of Propagation | | 70% | |
| Shielding Effectiveness | | >100 dB | |
| Capacitance | | 19.2 pf/ft (63pf/m) | |
| Attenuation, max @77°F (25°C) | | | |
| | Frequency (Ghz) | dB/100ft | (dB/100 m) |
| | 0.5 | 8.4 | (27.6) |
| | 1 | 12.2 | (39.4) |
| | 2 | 17.9 | (58.7) |
| | 3 | 22.7 | (74.5) |
| Cable Power Handling @77°F (25°C) sea level, watts, (max) | | | |
| | Frequency Ghz | | |
| | 0.5 | 400 | |
| | 1 | 280 | |
| | 2 | 190 | |
| | 3 | 150 | |

*Specifications subject to change without notice

Ordering Information

U = unarmored
A = PVC armor
S = Steel armor

Feet 0.5 ft increments
Meters 0.25m increments

SLX75-XXXXXX-XX.XXX

75 Ohm

F=Feet, M=Meters

Connector Codes 2 or 3 Characters

FM = F type male
FF = F type female
NM7 = Type N male
NF7 = Type N female



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SL-75 03/16