

VersaLINE 18™

Coaxial Test Cables

2102 Series

V2.0

Features

- Operation to **18 GHz**
- Field **Interchangeable Connectors**
SMA, Type N, ETNC, 7mm
- Electrically Stable With Flexure
- Triple Shielded, Low Loss Cable
- Abrasion Resistant Nomex Jacket
- Armored Jacket Option

Description

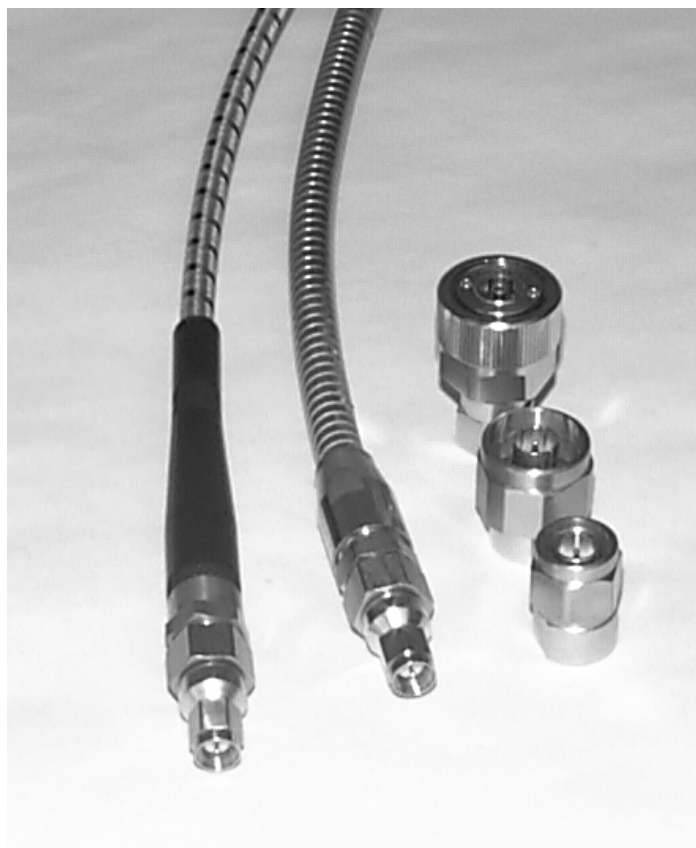
VersaLINE 18 cables allow the user to interchange coaxial connectors with alternate interface styles or to replace worn or damaged connectors without compromising performance.

VersaLINE 18 cables make use of **M/A-COM's** legendary, field proven cable construction and connector attachment methods to maximize cable service life, increase productivity, reduce down-time and insure trouble-free operation in a variety of harsh conditions.

VersaLINE 18 cables remain unequalled for versatility, reliability, ruggedness and long service life when year in / year out RF and microwave testing is required.

Applications

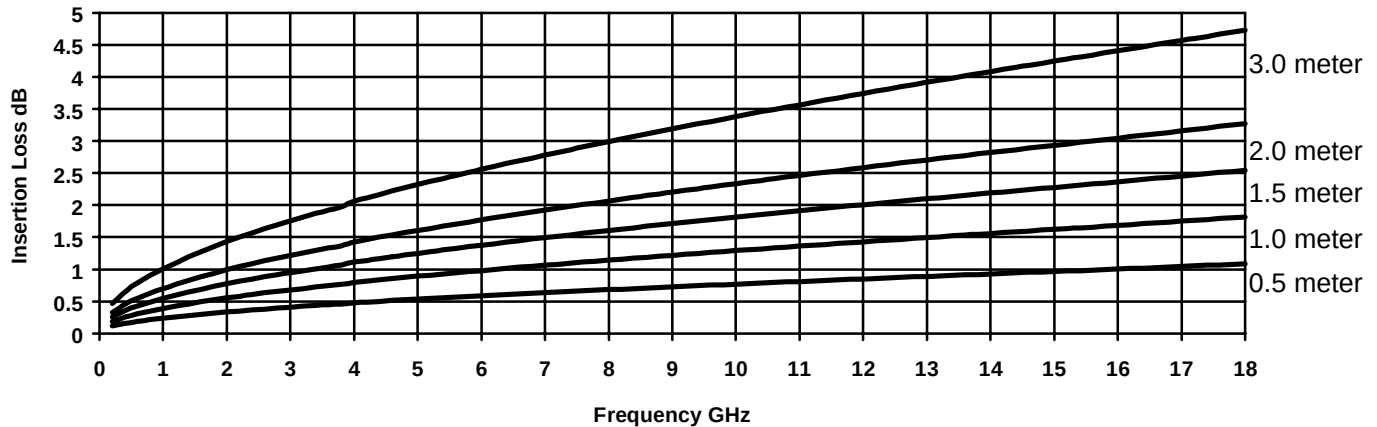
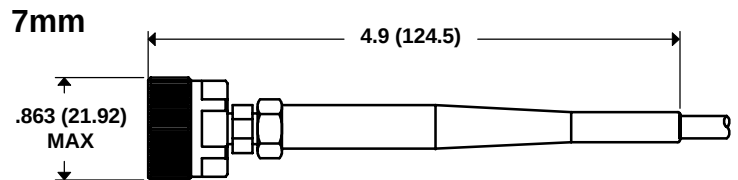
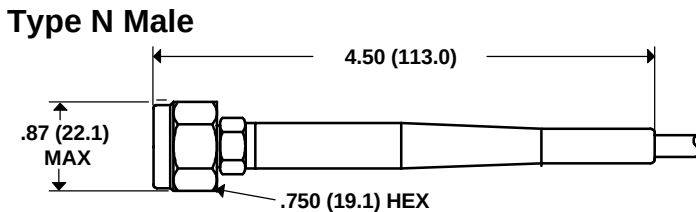
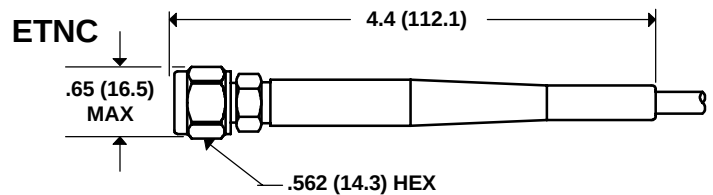
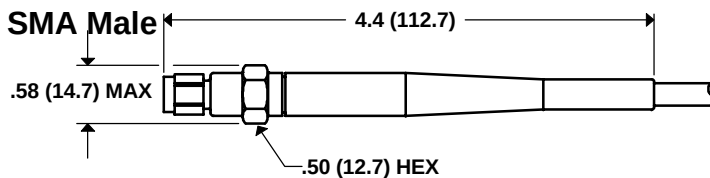
- High Volume Test Lab and Manufacturing Line Test Operations
- Field and Job Site Installation, Verification and Test Activities
- Periodic and Quality Program Tests
- Upgrade and Replacement of RF Test Equipment Test Port Cables
- Test Applications Requiring Cables With Ruggedness, Long Life and Consistent Performance



Specifications

Operating Frequency, Maximum	18GHz	Phase Stability	±0.5°/GHz
VSWR, Maximum	1.35:1	Min. Bend Radius (Nomex Jacket)	1.0 in (25.4 mm)
Shielding Effectiveness	>100 dB	Operating Temperature Range	-55 to 125°C
Propagation Velocity (% speed of light)	76%	Flex Life	100,000 min

Specifications Subject to Change Without Notice

Typical Performance Data**Maximum Cable Assembly Insertion Loss****Connector Dimensions****How To Order**

Length	
005	0.5 meter
010	1.0 meter
015	1.5 meter
020	2.0 meter
030	3.0 meter

Jacket Options

- N Nomex
 A Armored *
 * 2.0m and 3.0m length only

2102-XXXX-XXXX

End 1

End 2

Connector Options

- 01 ETNC Male
 02 Type N Male
 03 SMA Male
 04 7mm
 (Lowest Number First)

Replacable Interface Part Numbers

ETNC Male	Type N Male	SMA Male	7mm
1550-0229	1550-0249	1550-0197	1550-0246

Consult Distributor For Part Numbers Currently In Stock

M/A-COM Inc.

North America:

Tel. (800) 366-2266

Fax (800) 618-8883

Asia / Pacific:

Tel. +85 2 2111 8088

Fax +85 2 2111 8087

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Tel. +44 (1344) 869-595

Fax +44 (1344) 300-020