

## **Test LINE18™**

# Coaxial Test Cables

# 1993 Series

V2.0

## Features

- Operation to **18 GHz**
- Cost Effective
- Rugged Captive Contact SMA, Type N or ETNC Connectors
- Electrically Stable With Flexure
- Triple Shielded, Low Loss Cable
- Superior Durability

## Description

**TestLINE 18** cables are designed to provide cost effective capability without compromising electrical performance characteristics or the rugged reliability necessary for day to day dependability in production line, test lab, and permanent system interconnection applications.

**TestLINE 18** cable features, including triple shielded cable construction, captive contact connectors, unique **M/A-COM** dual-attachment connector designs, and heavy duty strain relief, are usually only found in much more costly assemblies. **M/A-COM's** high volume, low cost manufacturing processes allow **TestLINE 18** cables to offer an unparalleled value in off-the-shelf performance and reliability.



## 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 Worn or Damaged Existing RF Test Cables
- Test Applications Requiring Cost Effective Ruggedness, Long Life and High Performance
- Permanent System RF and Microwave Interconnections

### 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

Europe:

Tel. +44 (1344) 869-595

Fax +44 (1344) 300-020

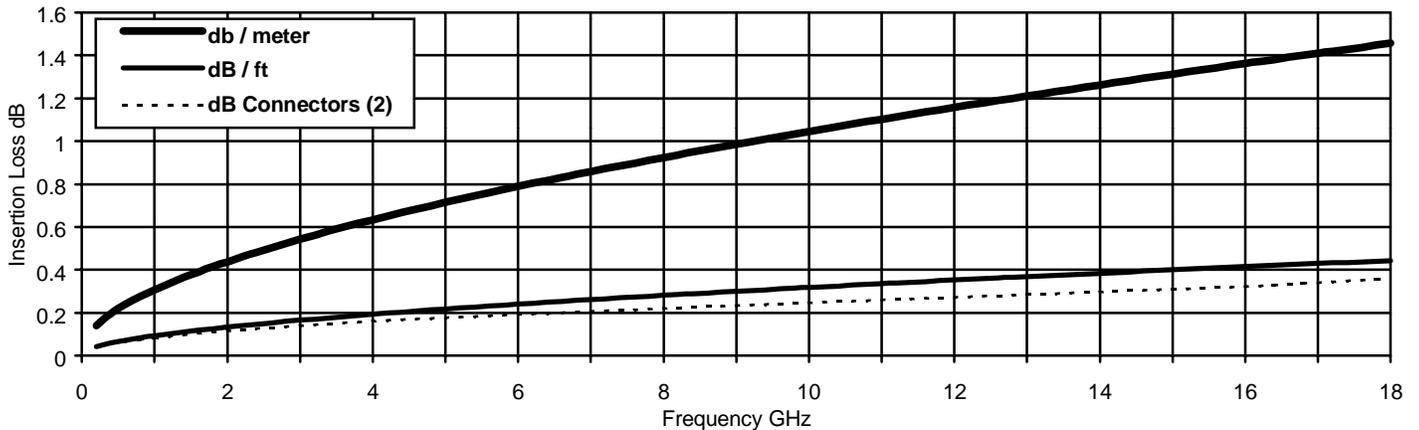
**Specifications**

Operating Frequency, Max.	18GHz	Shielding Effectiveness	>100dB
VSWR, Maximum	1.35:1	Propagation Velocity	76% C
Phase Stability	±1.0°/GHz	Operating Temperature Range	-55 to 125 °C
Min. Bend Radius	1.0 inch (25 mm)	Flex Life	100,000 min

Specifications Subject to Change Without Notice

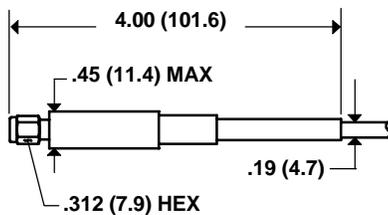
**Typical Performance Data**

**Maximum Cable and Connector Insertion Loss**

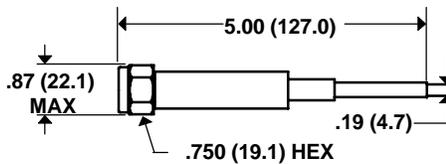


**Connector Dimensions**

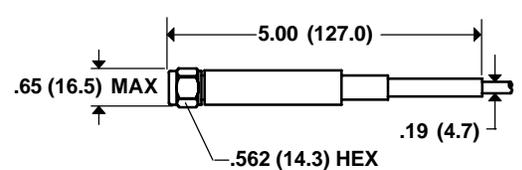
**SMA Male**



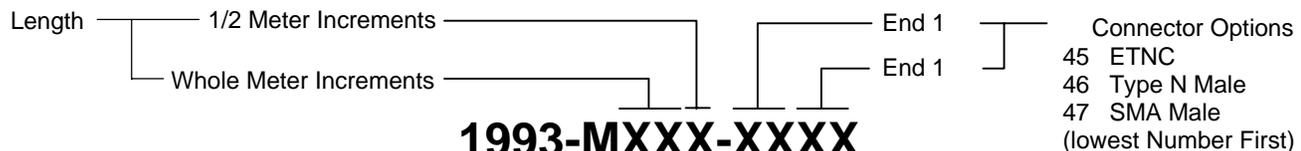
**Type N Male**



**ETNC Male**



**How To Order**



**1993-MXXX-XXXX**

Example: **1993-M025-4547**  
(2.5 Meter assembly with ETNC and SMA connectors)

Consult Distributor For Part Numbers Currently In Stock