

## **AccuLINE<sup>26</sup>**™

# Laboratory Test Cables

## 2126 Series

V4.00

### Features

- Operation to **26.5 GHz**
- Ruggedized **3.5mm** Connectors
- Exceptional Electrical Stability:  
Loss, Phase, VSWR
- Triple Shielded, Low Loss
- Exceptional Ease of Handling
- Crush Proof and Torque Resistant

### Description

**AccuLINE 26** cables incorporate every technology that makes **M/A-COM** the standard of precision, performance and reliability in test cables. Users can now have both stable, precision performance and flexible ease-of-use.

**AccuLINE 26** cables offer a tight bend radius with crush proof, highly torque resistant design exhibiting virtually no spring-back. Outstanding electrical performance is ultra-stable with flexure across the operating frequency range.

**AccuLINE 26** cables are truly laboratory-grade microwave instruments.

### Applications

- Test Port Extension Cables for HP8510, 8514, 8515, 85110 Test Sets, and HP8719, HP8720 Test Systems
- Any Measurement System Using 3.5mm Connectors
- Precision Metrology and Data-collection Applications
- Calibration and Instrument Validation Tasks
- R&D or Scientific Projects

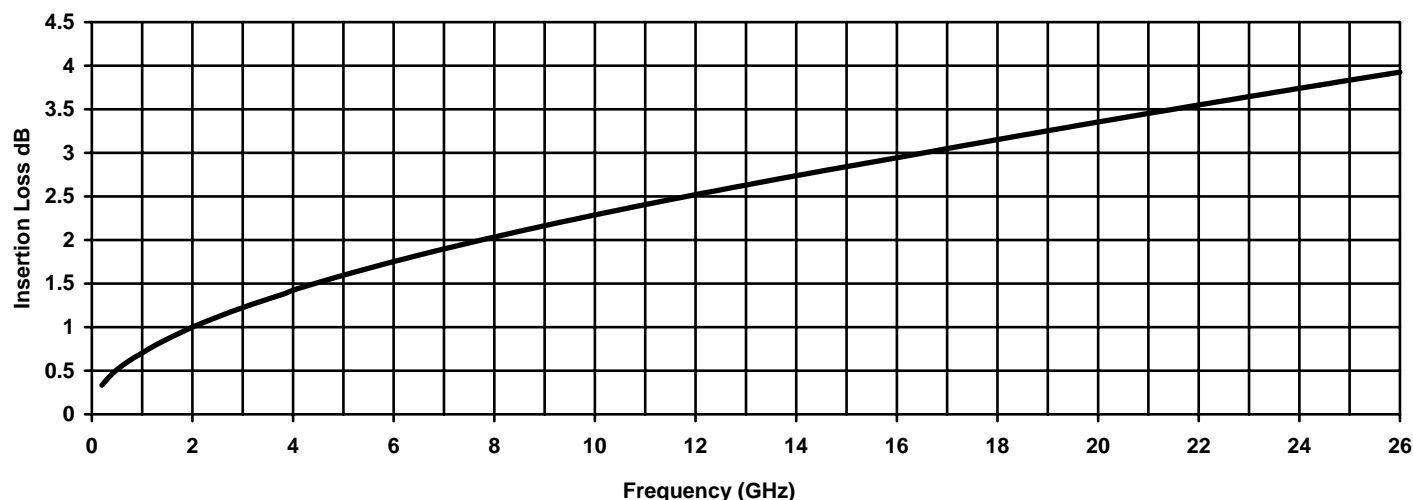


## Specifications

Operating Frequency, Maximum	26.5GHz	Amplitude Stability with Flexure	±0.2dB
VSWR, Maximum	1.35:1	VSWR Stability with Flexure	±0.03
Phase Stability with Flexure	±0.125°/GHz	Minimum Bend Radius	2.0 inch (50.8mm)
Shielding Effectiveness	>100dB	Operating Temperature Range	-55 to 125°C
Propagation Velocity (% speed of light)	76%	Flex Life	100,000min

Specifications Subject to Change Without Notice

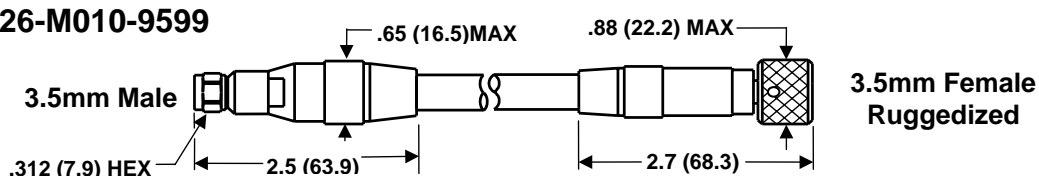
## Performance Data

**Maximum Cable Assembly Insertion Loss**

## Configuration Options

Part Number	Connector Configuration
2126-M010-9599	3.5mm Ruggedized Female to 3.5mm Male
2126-M010-9598	3.5mm Ruggedized Female to 3.5mm Female

## Cable Assembly Dimensions

**2126-M010-9599****2126-M010-9598**