

## **AccuLINE<sup>50</sup>**™

# Laboratory Test Cables

## 2150 Series

V2.0

### Features

- Operation to **50 GHz**
- Ruggedized 2.4mm Connectors
- Exceptional Electrical Stability:  
Loss, Phase, VSWR
- Triple Shielded, Low Loss
- Exceptional Ease of Handling
- Crush Proof and Torque Resistant

### Description

**AccuLINE 50** cables incorporate every technology that makes **M/A-COM** the standard of precision, performance and reliability in test cables. Users now have both stable precision performance and flexible ease-of-use in one cable assembly.

**AccuLINE 50** 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 50** cables are truly laboratory-grade microwave instruments.



### Applications

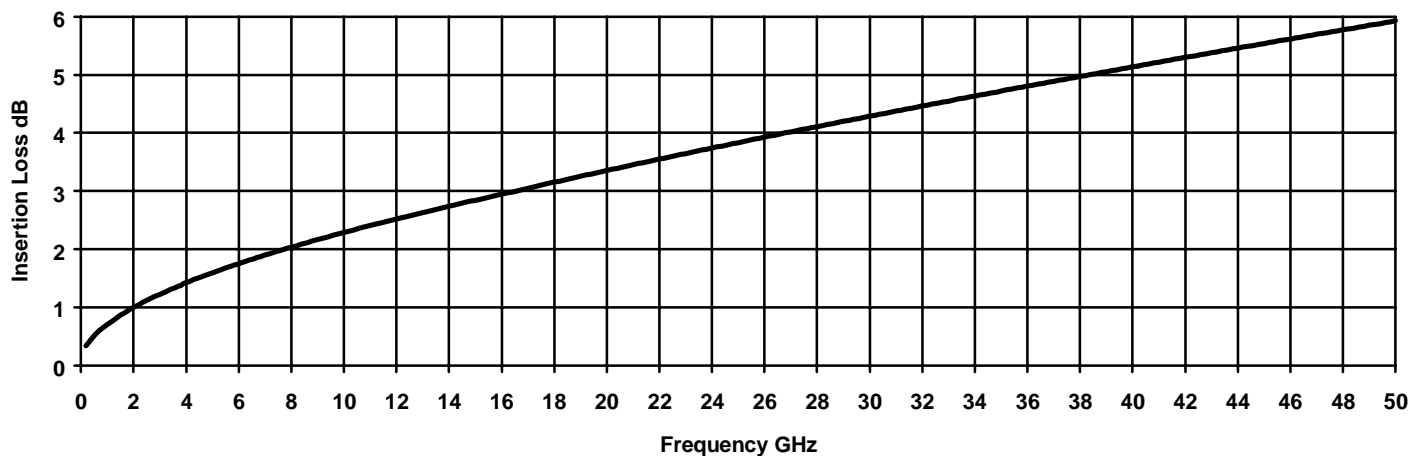
- Test Port Cables for HP8510, HP8517 and HP8722 Network Analyzer Systems
- Any Measurement System Using 2.4mm Connectors
- Precision Metrology and Data-collection Applications
- Calibration and Instrument Validation Tasks
- R&D or Scientific Projects

## Specifications

Operating Frequency, Maximum	50GHz	Amplitude Stability	±0.2dB
VSWR, Maximum	1.45:1	VSWR Stability	±0.03
Phase Stability	±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

## Typical Performance Data

**Maximum Cable Assembly Insertion Loss**

## Configuration Options

Part Number	Connector Configuration
2150-M010-8587	2.4mm Ruggedized Female to 2.4mm Male
2150-M010-8586	2.4mm Ruggedized Female to 2.4mm Female

## Cable Assembly Dimensions

