

AccuLINE⁴⁰™

Laboratory Test Cables

2140 Series

V2.0

Features

- Operation to **40 GHz**
- Ruggedized **K** Connectors
- Exceptional Electrical Stability:
Loss, Phase, VSWR
- Triple Shielded, Low Loss
- Exceptional Ease of Handling
- Crush Proof and Torque Resistant

Description

AccuLINE 40 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.

AccuLINE 40 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 40 cables are truly laboratory-grade microwave instruments.

Applications

- Test Port Extension Cables for Wiltron 360, 3610/3611 and 3620/3621 Systems
- Any Measurement System Using **K** Connectors
- Precision Metrology and Data-collection Applications
- Calibration and Instrument Validation Tasks
- R&D or Scientific Projects



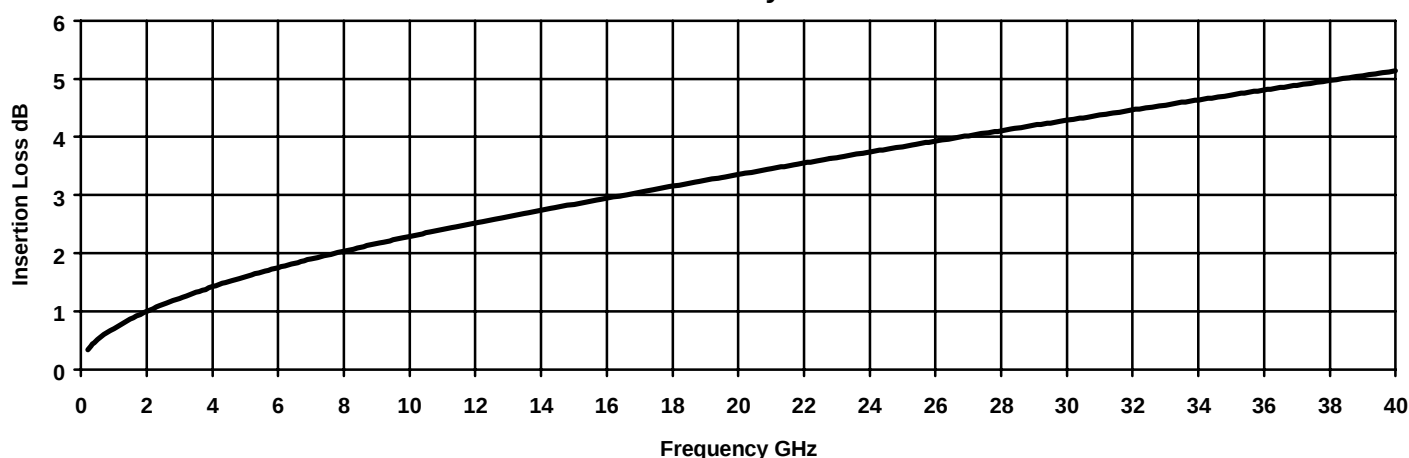
Specifications

Operating Frequency, Maximum	40GHz	Amplitude Stability	±0.2dB
VSWR, Maximum	1.45:1	VSWR Stability	±0.03
Phase Stability	±0.125 dB/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	100,000 min

Specifications Subject to Change Without Notice

Typical Performance Data

Maximum Cable Assembly Insertion Loss



Configuration Options

Part Number	Connector Configuration
2140-M010-8089	K Male to Ruggedized K Female
2140-M010-8088	K Female to Ruggedized K Female

Cable Assembly Dimensions

