AccuLINE40 ™

Laboratory Test Cables 2140 Series

V2.0

Features

- Operation to **40 GHz**
- Ruggedized **K** Connectors
- Exceptional Electrical Stablity:
  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

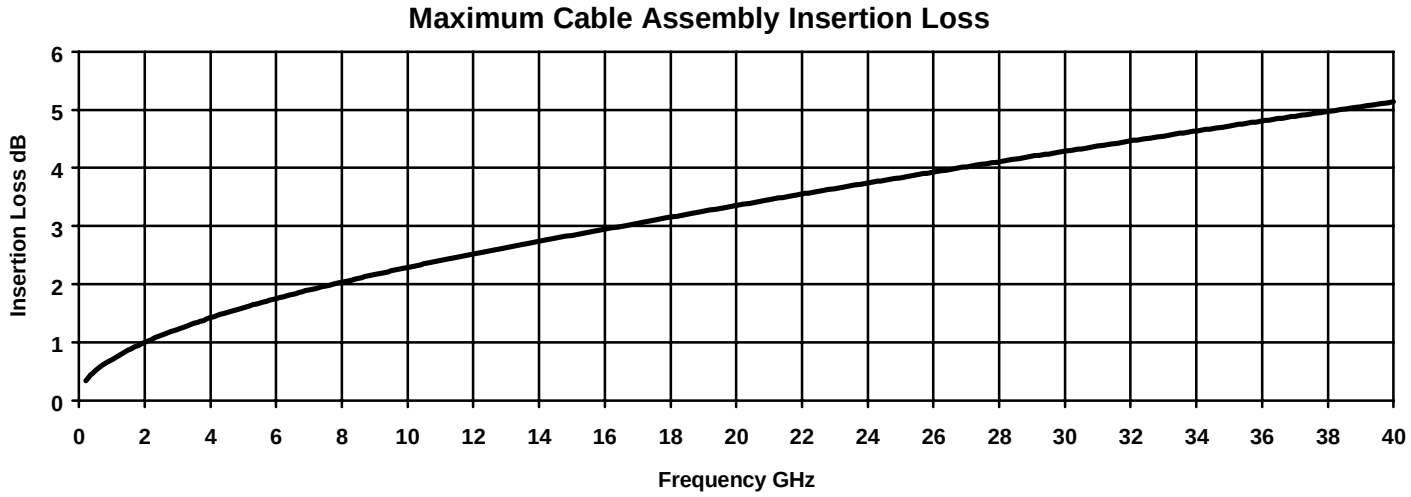
M/A-COM Inc.
North America: Tel. (800) 366-2266 ◆ Asia / Pacific: Tel. +85 2 2111 8088 ◆ Europe: Tel. +44 (1344) 869-595
Fax (800) 618-8883 Fax +85 2 2111 8087 Fax +44 (1344) 300-020

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

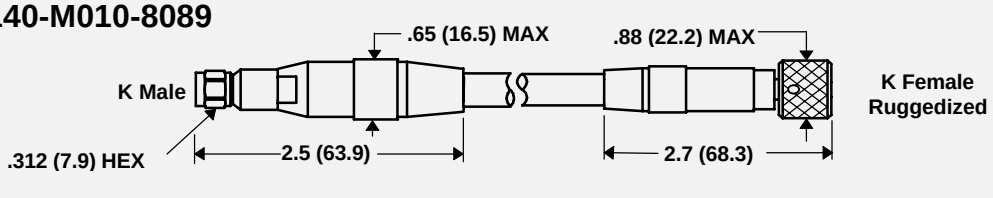


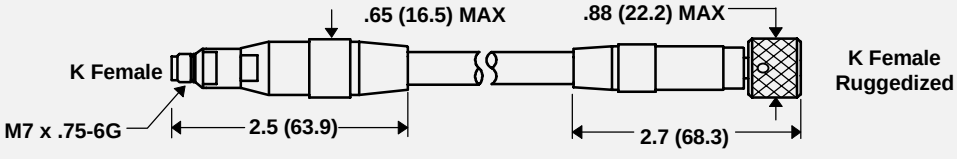
Configuration Options

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

2140-M010-8089





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