



## Small Diameter Jumper Cables

Very Flexible — Low Loss — Suitable for large numbers of flexure cycles

JmpCables  
V1

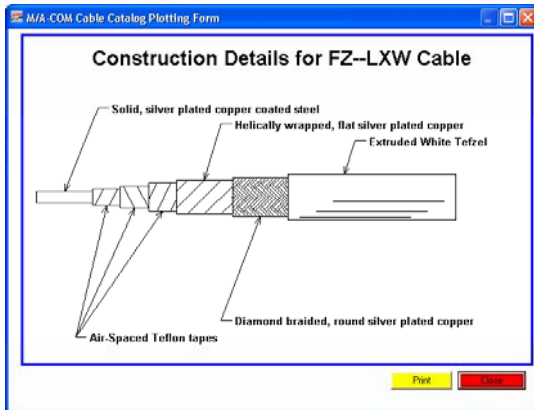
### Features

- Cable Diameters from 0.05" to 0.23"
- MX and HFX constructions offer best flexibility for size\*
- Can be ruggedized for improved handleability
- 50 Ohm characteristic impedance
- All common connectors available (GPO, GPPO, SMA, SSMA, OSP, OSSP, etc.)
- Offered with a variety of jacket materials to precisely fit your application

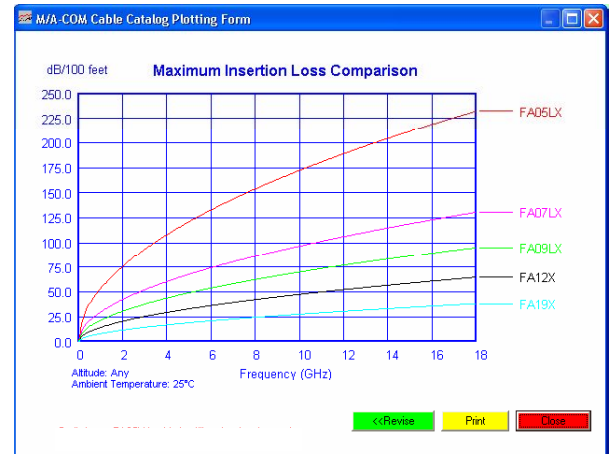
### Description

M/A-COM has expanded our line of small diameter, very flexible jumper cables to better fit your missile or other critical interconnection requirements. One new cable, FZ09LXW, is a multi-purpose cable providing an outstanding balance of size, weight flexibility, insertion loss, etc. A variety of other cable sizes and constructions are available to fit your system requirement.

### Construction Details:



### Insertion Loss Specifications:<sup>1</sup>



An Z09LXW\* assembly typical of those used in a variety of airborne EW interconnections. Shown with GPO female connectors.



An FA09HFX\* long flexure life gimbal cable. Shown with an SMA plug connector.

### Some Examples:

Cable Type	Outer Diameter (inches)	Assembly Frequency Limit (GHz)
FA05LX*	0.05	18.0
FA09LX*	0.09	18.0
FA19MX*	0.19	18.0
FS23MX*	.23	18.0

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