

## 1/4" INSTRUMENT CABLES

### M-SERIES

To meet the sonic expectations of discerning musicians around the world, the M-Series instrument cable contains high-quality materials including OFC conductors and a layer of conductive PE insulation. The use of these materials ensures that the final product consistently delivers a solid performance. Conductive PE absorbs changes in capacitance that occur when musicians run, walk, or shake their instruments on stage

### DURABLE PVC JACKET

The M-Series comes complete with a sturdy PVC jacket that is easy on your hands while coiling or setting up but still protects the interior workings of the cable from harsh environments.

### RUGGED CONNECTORS

The sleek, shark-like connectors feature an extremely durable zinc die-cast shell, which can withstand the rigors of any musical environment. A plastic insert serves as a primary strain relief by clamping onto the cable jacket while the blue rubber boot protects the junction from excessive bending.

### APPLICATIONS

The M-Series instrument cable was made with professional musicians in mind, to deliver pristine audio quality while being able to endure the rigors of a live set. Guitar, Bass, Keyboards, and other instruments using 1/4" jacks will achieve excellent results using these cables.

### INDUSTRIES

- Pro Audio Manufacturing
- Pro Video Manufacturing
- Electronics Hobbyists
- Pro Lighting Manufacturing
- Medical Instruments
- Communications



Product specifications may change without prior notification

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## SPECIFICATIONS

### Product

Part Number: **IO-IC109XXX-M2MBL**

Number of Conductors: **1 plus shield**

### Conductors

Details: **50/0.12mm BC OFC**

Size: **20 AWG**

### Electrical and Mechanical Characteristics

Conductor DC Resistance ( $\Omega/m$ ):  **$0.035 \pm 1\%$**

Shield DC Resistance ( $\Omega/m$ ):  **$0.033 \pm 1\%$**

Capacitance Between Conductor and Shield ( $\mu F/ft$ ):  **$\leq 33.3$**

Voltage Breakdown: **500V**

Flex Life:  **$\geq 17,700$**

Tensile Strength:  **$\geq 197.82N$**

Applicable Temperature:  **$-20^{\circ}C \sim +60^{\circ}C$  ( $-4^{\circ}F \sim +140^{\circ}F$ )**

Peak Temperature:  **$-40^{\circ}C \sim +70^{\circ}C$  ( $-40^{\circ}F \sim +158^{\circ}F$ )**

### Insulation

Material: **Conductive PE**

### Shield

Details: **Spiraled**

Construction: **55/0.12 BC OFC**

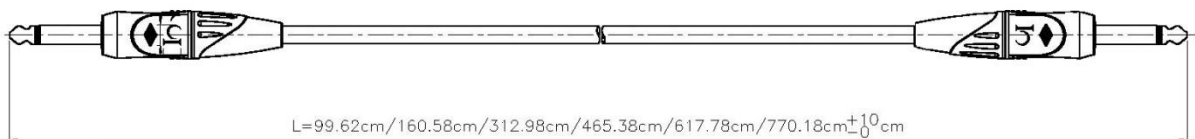
### Jacket

O.D.: **6.0mm**

Material: **PVC**

Color: **Black**

## Drawing



## STANDARDS & CLASSIFICATIONS



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