¼" BALANCED PATCH CABLE

M SERIES OVERVIEW

Designed to be a flexible, yet rugged component of professional live sound and studio systems, the M Series Balanced Patch Cable can handle the rigors of any audio environment.

The IO-M3MBL connectors feature an extremely durable nickel plated brass shell and includes a sturdy plastic insert that tightens onto the cable to provide strain relief while an additional rubber boot delivers extended support. The nickel plated plug contacts, tin plated wire terminals, and XLPE insulation all ensure the best possible signal flow and extend the useful life of the cable.

It's durable and flexible PVC jacket protects the OFC conductors from whatever life throws at it. Add to the equation two shields, aluminum foil and braided tinned copper, and the conductors have double the protection from EMI resulting in a dependable addition to any professional audio engineer's toolbox.

SPECIFICATIONS

Product

Part Number: **IO-BP176XXX-M3MBL**

Number of Conductors: **2 plus shield**

Conductors

Details: **25/0.08mm BC OFC**

Size: **26 AWG**

Electrical and Mechanical Characteristics

Conductor DC Resistance: **0.152 ± 1% Ω/m**

Shield DC Resistance: **0.035 ± 1% Ω/m**

Capacitance Between Conductors: **≤ 14.4 pF/ft**

Capacitance Between Conductors and Shield: **≤ 27.1 pF/ft**

Voltage Breakdown: **500 V**

Flex Life: **≥ 17,700**

Tensile Strength: **≥ 199 N**

Applicable Temperature: **-20°C ~ +60° C (-4°F ~ +140°F)**

Peak Temperature: **-40°C ~ +70° C (-40°F ~ +158°F)**

Insulation

Material: **XLPE**

Colors: **Blue and White**

Shield

Details: **Braided TC & Aluminum Foil**

Construction: **16*5/0.10 OFC**
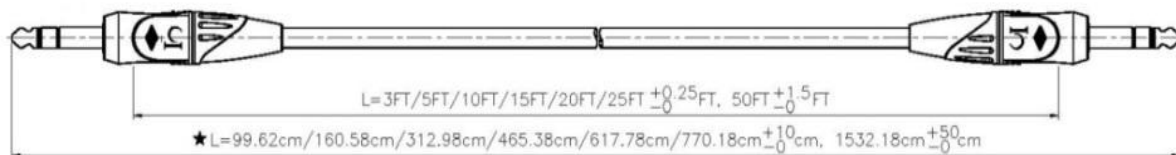
Jacket

O.D.: **6.0mm**

Material: **PVC**

Color: **Black**

DRAWING

L=3FT/5FT/10FT/15FT/20FT/25FT $^{+0.25}_{-0}$FT, 50FT $^{+1.5}_{-0}$FT

★ L=99.62cm/160.58cm/312.98cm/465.38cm/617.78cm/770.18cm$^{+10}_{-0}$cm, 1532.18cm$^{+50}_{-0}$cm

STANDARDS & CLASSIFICATIONS

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