

BULK BALANCED XLR CABLE

PERFORMANCE SERIES

Io Audio Technologies' Performance Series balanced mic cable meets requirements for high performance, using high-quality copper conductors and PE insulation. These materials ensure the cable will perform to demanding standards. Available in 500 ft spools.

FLEXIBLE PVC JACKET

The Performance Series comes complete with a matte PVC jacket that protects the interior workings of the cable from the harsh environment. It also helps the cable keep its shape for a perfect coil every time.

SPIRALED SHIELD

Inside, this two conductor cable features a spiral copper shield which provides up to 95% coverage. The result is less EMI to maintain the purest quality signal possible.

APPLICATIONS

Our Performance Series balanced mic cable is designed to be an excellent solution for professionals looking to build custom length cables for wiring professional audio rigs or integrators looking to provide a solid connection in permanent AV installations. This cable is also optimal for other control applications.

INDUSTRIES

- Permanent Audio Integrations
- Permanent Lighting Integrations
- Pro Audio Industry
- Medical Instruments
- Electronics Hobbyists
- Communications



Product specifications may change without prior notification

Io Audio Technologies® is a registered trademark of Knight Electronics, Inc.

10557 Metric Dr. Dallas, TX 75243 | 214-340-0265 | 800-323-2439 | Fax: 214-340-5870 | www.ioaudiotechnologies.com

SPECIFICATION

Product

- Part Number: **IO-A12416**
- Number of Conductors: **2 plus shield**

Conductors

- Details: **20/0.12mm BC OFC**
- Size: **24 AWG**

Electrical and Mechanical Characteristics

- Conductor DC Resistance (Ω/m): **$0.075 \pm 5\%$**
- Shield DC Resistance (Ω/m): **0.025**
- Capacitance Between Conductors (pF/ft): **≤ 14.3**
- Capacitance Between Conductor and Shield (pF/ft): **≤ 24.9**
- Voltage Breakdown: **300V**
- Flex Life: **$\geq 17,700$**
- Tensile Strength (N): **≥ 656.2**
- Applicable Temperature: **$-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim +140^{\circ}\text{F}$)**
- Peak Temperature: **$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$ ($-40^{\circ}\text{F} \sim +158^{\circ}\text{F}$)**

Insulation

- Material: **PE**
- Colors: **Red and White**

Shield

- Details: **Spiraled**
- Construction: **60/0.12 TC OFC**

Jacket

- O.D.: **6.0mm**
- Material: **PVC**
- Color: **Black**

CONFIGURATION



STANDARDS & CLASSIFICATIONS



Product specifications may change without prior notification

Io Audio Technologies® is a registered trademark of Knight Electronics, Inc.

10557 Metric Dr. Dallas, TX 75243 | 214-340-0265 | 800-323-2439 | Fax: 214-340-5870 | www.ioaudiotكنولوجيات.com