



AUDIO
TECHNOLOGIES®

BALANCED XLR BULK WIRE

PERFORMANCE SERIES OVERVIEW

The Performance Series XLR cable is made using two stranded, 24 AWG, OFC conductors in a tight-pitch twisted pair configuration. The use of PE insulation helps reduce the capacitance while a spiral copper shield provides great EMI and noise rejection. To top it all off, the sturdy PVC jacket is designed to take the abuse of any environment.

Applications:

Pre-wiring of modular truss or sound systems for quick set up

Custom shop cable

DIY cables for personal use

Custom lengths for permanent installations

NOTE: Not rated for in-wall use



Product specifications may change without prior notification

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SPECIFICATIONS

Product

Part Number: **IO-A12416-500SP**

Number of Conductors: **2 plus shield**

Conductors

Details: **20/0.12mm BC OFC**

Size: **24 AWG**

Electrical and Mechanical Characteristics

Conductor DC Resistance: **$0.075 \pm 5\% \Omega/m$**

Shield DC Resistance: **$0.025 \Omega/m$**

Capacitance Between Conductors: **$\leq 14.3 \text{ pF/ft}$**

Capacitance Between Conductor and Shield: **$\leq 24.9 \text{ pF/ft}$**

Voltage Breakdown: **300 V**

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

Tensile Strength: **$\geq 656.2 \text{ N}$**

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



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