

8412-XXJ Datasheet

DESCRIPTION:

The Sescom 8412-XXJ series of tour-grade indoor XLR cable assemblies features Belden's 8412 rugged, deployable, high-conductivity mic cable. Its rugged construction ensures a quality signal while offering flexibility and resistance to moisture. The 8412-XXJ series is built to withstand years of deployment, making it ideal for touring environments, studio use, recordings, and houses of worship.

FEATURES:

- Balanced analog indoor microphone audio cable
- Ruggedized deployable cable construction
- EPDM jacketing and insulation
- High-quality Neutrik XLR connectors
- XLR connector boot with polyurethane gland gives high protection to cable bending stresses
- Tinned Copper braided shield protects against electromagnetic interference



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SPECIFICATIONS:

Belden 8412:

- **Number of elements:** 2
- **AWG:** 20 AWG
- **Stranding:** 26x34
- **Conductor Material:** TC-Tinner Copper (High Conductivity)
- **Insulation Material:** EPDM (Ethylene Propylene Diene Monomer)
- **Insulation Nom Thickness:** 0.023in (0.58mm)
- **Insulation Nom Diameter:** 0.083in (2.1mm)
- **Outer shield 1 material/coverage:** Braided Rayon/85%
- **Outer shield 2 material/coverage:** Braided TC (Tinned Copper)/85%
- **Outer jacket separator:** Cotton Serve
- **Outer jacket material:** EPDM (Ethylene Propylene Diene Monomer)
- **Outer jacket nom thickness:** 0.035in (0.89mm)
- **Overall cable nom diameter:** 0.26in (6.65mm)
- **Nom conductor DCR:** 10.6 Ohm/1000ft
- **Nom capacitance cond-to-cond:** 33 pF/ft (110 pF/m)
- **Nom capacitance cond-to-other (cond + shield):** 58 pF/ft (190 pF/m)
- **Nom characteristic impedance:** 67 Ω
- **Min bending radius:**
 - **Stationary:** 2.6 in (66 mm)
 - **Installation:** 2.6 in (66 mm)
- **Max pull tension:** 100 lbs (45 kg)

Neutrik connectors:

- **Connection type:** XLR
- **Capacitance between contacts:** ≤ 4 pF
- **Contact resistance:** ≤ 3 m Ω
- **Insulation resistance:** > 10 G Ω (initial)
- **Insertion force:** ≤ 20 N
- **Withdrawal force:** ≤ 20 N
- **Lifetime:** > 1000 mating cycles