

200m 50/125 Multimode Optical Fibre Cable Assembly

Ruggedized Tour-Grade 200 Meter Multimode Optical Fibre Snake Reel for Soundcraft Vi Series MADI & Optical Stagebox Link Systems

01. PRODUCT OVERVIEW

The Soundcraft 200m 50/125 Multimode Optical Fibre Cable (SKU: RZ2701) is a heavy-duty, tour-ready optical signal transmission snake engineered for long-distance digital audio links between Soundcraft Vi Consoles, Local Racks, and Optical Stageboxes.

Featuring high-bandwidth 50/125 μm core/cladding multimode glass fiber enclosed in a flexible, polyurethane-jacketed tactical outer sheath, this 200-meter cable guarantees zero electromagnetic interference and ultra-low latency audio signal delivery for touring and fixed installations.

02. KEY FEATURES & HIGHLIGHTS

- 200 Meter Transmission Range:** Long-reach optical snake allowing up to 200m continuous runs without signal degradation or RF pickup.
- 50/125 μm Multimode Fiber Core:** High-bandwidth OM2/OM3 class glass fiber optimized for 850 nm / 1300 nm optical transceivers.
- Tour-Grade Ruggedization:** Features a abrasion-resistant, kink-resistant tactical PUR outer jacket for demanding live environments.
- Neutrik opticalCON / SC Termination:** Protected optical connectors providing dust-sealed, rugged latching connectivity.
- Heavy-Duty Drum / Reel System:** Delivered pre-spooled on a heavy-duty drum reel with hand crank for rapid deployment and retrieval.

03. TECHNICAL SPECIFICATIONS

Part / SKU	RZ2701
Cable Length	200 Meters (656 Feet)
Fiber Class	50/125 μm Multimode (MMF)
Core / Cladding Diameter	50 μm / 125 μm
Connector Type	Neutrik opticalCON Duo/Quad / SC Optical
Operating Wavelength	850 nm / 1300 nm
Outer Sheath Material	Tactical PUR (Polyurethane) Black
Attenuation @ 850 nm	≤ 2.5 dB/km
Minimum Bend Radius	50 mm (Installation) / 25 mm (Loaded)

04. SYSTEM COMPATIBILITY

Optical Cards	Soundcraft Vi Optical MADI HD Card, Vi Stagebox Optical Card
Consoles	Soundcraft Vi1, Vi2, Vi3, Vi4, Vi6, Vi5000, Vi7000
Stageboxes	Soundcraft Optical Stagebox, Compact Stagebox (Optical MADI)

05. PHYSICAL & REEL SPECIFICATIONS

Cable Diameter	approx. 5.5 mm - 6.0 mm	Cable Weight	approx. 25 kg / km
Reel Type	Heavy-Duty Steel / Composite Drum Reel	Operating Temperature	-20°C to +70°C

Handling Notice: Ensure protective dust caps remain attached to optical connectors when not mated. Clean optical ferrites with a lint-free fiber cleaning kit prior to connection. Do not exceed the minimum bend radius.