

150m 50/125 Multimode Optical Fibre with Fibrecast Connectors

Ruggedized Tour-Grade 150 Meter Multimode Optical Fibre Snake Reel with Fibrecast Connectors for Soundcraft Vi Series MADI Systems

01. PRODUCT OVERVIEW

The Soundcraft 150m 50/125 Multimode Optical Fibre Cable (SKU: RZ2702) is a professional, tour-grade optical snake system equipped with heavy-duty Fibrecast connectors. It is engineered for low-latency, loss-free digital audio routing over long distances.

Built with a high-bandwidth 50/125 µm multimode glass core and housed in a durable tactical outer jacket, this 150-meter cable assembly delivers reliable signal integrity immune to electromagnetic interference in demanding live production environments.

02. KEY FEATURES & HIGHLIGHTS

- 150 Meter Length:** Medium-to-long reach optical snake offering continuous 150-meter runs without signal loss.
- Fibrecast Connectors:** Ruggedized Fibrecast metal housing connectors for extreme durability and secure latching in live touring.
- 50/125 µm Multimode Fiber Core:** High-bandwidth OM2/OM3 class glass fiber optimized for 850 nm / 1300 nm optical transceivers.
- Tactical PUR Outer Sheath:** Flexible, kink-resistant, and abrasion-resistant outer jacket for harsh field conditions.
- Drum Reel Included:** Pre-spooled on a heavy-duty drum reel with a folding hand crank for quick deployment and storage.

03. TECHNICAL SPECIFICATIONS

Part / SKU	RZ2702
Cable Length	150 Meters (492 Feet)
Fiber Class	50/125 µm Multimode (MMF)
Core / Cladding Diameter	50 µm / 125 µm
Connector Type	Heavy-Duty Fibrecast / SC Duplex
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 Card, Vi Stagebox Optical Interface
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: Always keep Fibrecast protective caps secured when not connected. Clean optical ferrites with a lint-free fiber cleaning kit before mating to prevent dust accumulation.