

Armored Fiber Optic Cables
Prevent Failure in Harsh Environments

A line of highly flexible, ruggedized fiber optic cables for use in critical aerospace, automotive, industrial, medical, and military applications is being introduced by JEM Electronics, Inc. of Franklin, Massachusetts.

JEM Armored Fiber Optic Patch Cords are designed to withstand twisting, kinking, crushing, and prevent rodent damage in applications where traditional fiber optic patch cables may fail during installation and operation. Featuring stainless steel armored flexible tube inside the outer jacket and robust connectors, they are offered in 9/125, 50/125, and 62.5/125 μm sizes and custom lengths for use in a wide range of harsh environments.

Available with SC, ST, MTRJ, FC, MU, E2000, SUS, and other connector types, JEM Armored Fiber Optic Patch Cords come in single- and multi-mode styles up to 500+ meters long. Insertion loss is ≤ 0.2 dB, return loss is ≥ 55 dB, and repeatability is ≤ 0.2 dB (single-mode PC) and the stainless metal tube tensile strength is ≥ 20 Kgf. The firm is ITAR certified, meets ISO 9001: 2008, TS16949, and ISO 13485 specifications, and is RoHS compliant.

JEM Armored Fiber Optic Patch Cords are priced according to size, length, and cable and connector type. Price quotations are available upon request.

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