

# CLEERLINE XD PATCH CORDS For Premise / Data Environments



Cleerline XD fiber optic patch cords deliver extreme performance and reliability for all system connections. XD series patch cords incorporate Cleerline's exclusive SSF™ integral polymer as part of the fiber optic glass technology.

SSF™ fibers provide up to 10,000x increased bend and up to 200x increased pull strength compared to standard glass fibers. SSF™ fibers are extremely durable and are able to endure even repeated tight bending with insensitivity to optical loss at all wavelengths even at very low radii. High quality connectors ensure insertion loss and back reflections that exceed all industry standards.



## Cleerline SSF™ Fiber

Cleerline SSF™ Fiber is a specialty fiber providing protection for bend longevity and superior mechanical strength compared to typical glass fibers. Designed for reliability in all applications providing flexible interconnection to active equipment, passive optical devices and cross-connects. These XD series patch cords exhibit much lower optical power loss under bend conditions while remaining compatible with all conventional cabling.

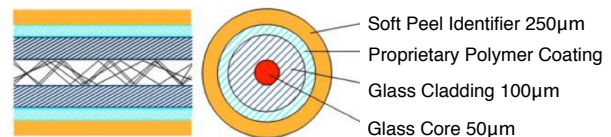
## Applications

- Data Centers
- Telecommunications networks
- High Bandwidth networks
- FTTx

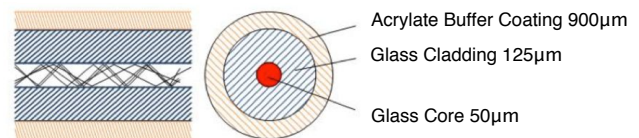
## Features & Benefits

- Conforms to IEC, EIA-TIA and Telecordia performance requirements
- Available in Duplex Configurations with clips
- Standard LC and SC connector types
- Bend Insensitive OM2, OM3, OM4, and OS2 type fibers
- TIA color coded connectors
- 600um tight buffer
- Riser Rated (OFNR) jacket type
- RoHS compliant

### Cleerline SSF™ 50/125 Multimode Fiber

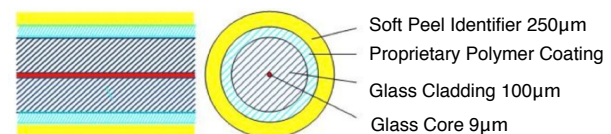


### Standard 50/125 Multimode Fiber

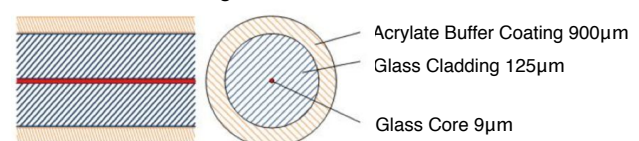


Cleerline SSF™ Multimode fibers have the same 50µm core as a typical 50/125 multimode fiber. SSF™ fibers incorporate a polymeric coating as part of the glass claddings overall diameter. Core + Cladding + Hybrid proprietary coating equals 125µm, the same as typical glass fibers. SSF™ fibers also incorporate Cleerline's "soft peel" 250µm acrylate coating for color identification and ease of removal without the use of fiber strippers.

### Cleerline SSF™ 9/125 Single Mode Fiber



### Standard 9/125 Single Mode Fiber



Cleerline SSF™ Singlemode fibers have the same 9µm core as a typical 9/125 Singlemode fiber. SSF™ fibers incorporate a polymeric coating as part of the glass claddings overall diameter. Core + Cladding + Hybrid proprietary coating equals 125µm, the same as typical glass fibers. SSF™ fibers also incorporate Cleerline's "soft peel" 250µm acrylate coating for color identification and ease of removal without the use of fiber strippers.

