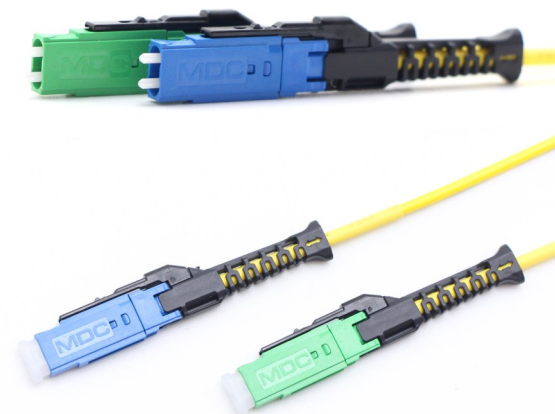


Description

MDC connector is a Very Small Form Factor (VSFF) duplex optical connector designed for termination of single-mode and multimode fiber cables up to 2.0mm in diameter. It is a 2 fiber connector using proven 1.25mm LC ferrules, providing 3x density over LC.

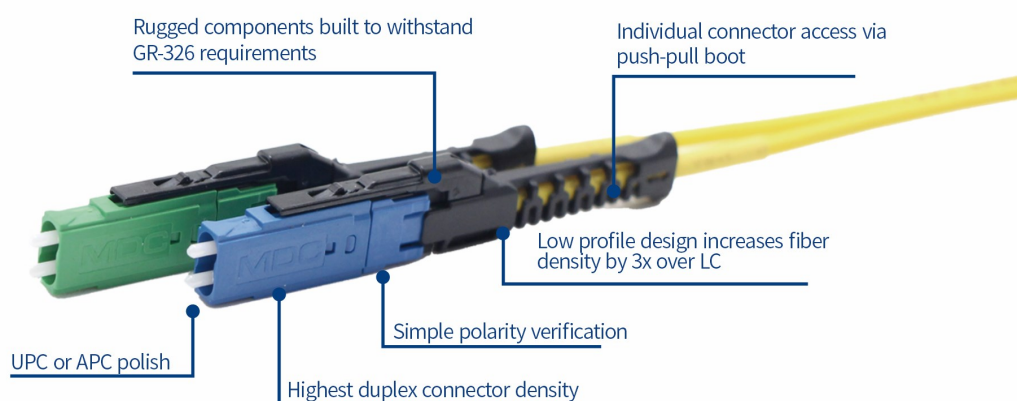
OMC's MDC solutions include uniboot style jumpers, harnesses, trunks and many pre-terminated MTP/MPO options.



Optical Specifications

SM Insertion loss	$\leq 0.2\text{dB}$	MM Insertion loss	$\leq 0.25\text{dB}$ Mean
Return loss	SM UPC $\geq 50\text{dB}$ SM APC $\geq 60\text{dB}$ MM PC $\geq 35\text{dB}$	Vibration	$\leq 0.2\text{dB}$
Matched Cable	1.6mm-2.0mm OD Unitube 2F	3D Geometric interference pass rate	100% Once requested

Products Highlights



- 3x fiber cabling density over LC connectors, providing 216 duplex connectors (432 fibers) within 1 RU
- DirectConecm push-pull boot for effortless connector insertion and extraction
- Simple polarity reversal with no exposed fibers
- Meets IEC Attenuation Grade B random mating requirements (0.12 dB mean, 0.25 dB maximum for 2 97% of the connectors)
- Telcordia GR-326 and TIA-568 compliant
- Designed for cables up to 2.0mm OD
- Multi-mode, Singlemode and Singlemode APC available