

Guide to Fiber Applications



Optical Fiber

Single-Mode

Fiber Type	Application	Market
LEAF[®]	High-capacity, high-data-rate, long-haul terrestrial networks; optimized for dense wavelength division multiplexing (DWDM) and optical networking technology	Long-haul and regional system operators, utilities, competitive and incumbent local exchange carriers (CLECs, ILECs), ISPs, cable TV, regional and long distance carriers' carriers, Pan-European carriers
MetroCor[™]	High-bit-rate, regional and metropolitan ring networks; optimized for metropolitan wavelength division multiplexing (WDM) in the EDFA window and optical networking technology; provides capability to legacy networks	Long-haul system operators, competitive local exchange carriers (CLEC), incumbent local exchange carriers (ILEC), cable TV, utility system operators, long distance, metro carriers' carriers; post, telegraph, and telecommunications (PTT); city/regional competitive carriers; Pan-European carriers
SMF-28[™]	Regional & local access telephony and cable TV networks; versatile operation across a wide range of wavelengths	Local exchange carriers; post, telegraph, and telecommunications (PTT); utilities; ISPs; cable TV; local networks; local government; private networks
SMF-28e[™]	Regional, metro, local access telephony, cable TV networks, CWDM applications; operating wavelengths from the 1310 nm band to the 1550 nm band	Local exchange carriers; PTTs; utilities; ISPs; cable TV; local government; municipalities
Submarine Fibers	High-capacity, high-data-rate, transoceanic networks; long distance undersea networks	Global telecommunications companies/consortia
Vascade[™] L1000	High-speed, high-capacity, unrepeated submarine networks	Global telecommunications companies/consortia; long-haul and regional system operators

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Multimode

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InfiniCor® CL™ 1000	High-speed, laser-based local area networks requiring longer fiber link lengths; local access networks	IT managers, private network managers, network designers & installers, consultants; local exchange carriers
InfiniCor® 300 InfiniCor® 600	High-speed, laser-based local area networks; local access networks	IT managers, private network managers, network designers & installers, consultants; local exchange carriers
Corning® 62.5/125 Corning® 50/125	Local area networks using LEDs, or lasers at shorter link lengths	IT managers, private network managers, network designers & installers, consultants

For more information on Corning® fiber, contact the Corning Optical Fiber Information Center at 800-525-2524 (U.S. and Canada), 607-786-8125 (International), or via Email at info@corningfiber.com

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