

j-fiber is one of the worldwide leading suppliers of high-performance optical fibers and preform designs addressing advanced tele-communications and specialty industry markets.

We invest in longterm customer partnerships, state-of-the-art fiber technology development, and continuous process technology enhancement.

Our commitment to providing best fiber performance, cost-efficiency and reliability makes our clients gain maximum benefits from sourcing j-fiber products.

Learn more about j-fiber and how we can serve you as your preferred fiber source – visit us at:

**Wire 2010
Hall 11 / Booth C58
April 12-16, 2010
Messe Duesseldorf
or at www.j-fiber.com**

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Our Wire 2010 show highlights overview:

j-BendAble fiber series j-fiber's comprehensive portfolio: *new* bend-insensitive OM4, OM3, OM2⁺ fibers; bend-optimized robust MMF with special 500 μm coating; customer application specific HiNA fibers with reduced bending loss.

Learn more about j-fiber's j-BendAble series for challenging data center demands or rough environment applications and visit our booth for a small bend radii measurement test.

j-FiberUnit service and products To support enhanced productivity in high-efficiency cable manufacturing we offer j-FiberUnits products and services to our cable making clients. j-FiberUnits combine up to 12 j-fiber high-performance MMF or SMF - bundled and buffered in multi-fiber units.

Learn more about our new service and how we can best meet your specific requirements.

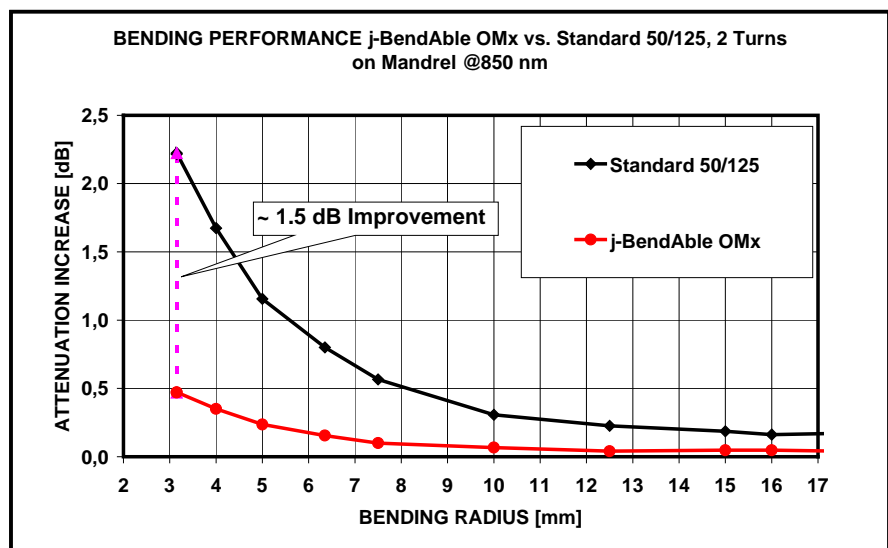
j-fiber Advanced Industry Fibers With PSHC – Pure Silica Hard Clad Fiber 200/300 and GIPC – Graded Index Polymer Clad Fiber 50 μm and 62.5 μm, j-fiber offers two leading industry fiber solutions: PSHC shows lowest attenuation in most demanding temperature or humidity environments; GIPC combines best bandwidth performance with high robustness and easy handling.

Please contact us at the show to discuss your individual applications and requirements.

Our Wire 2010 product and service highlights in detail:

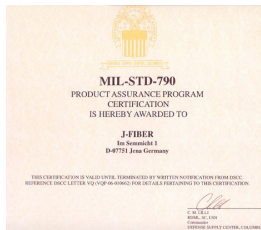
j-BendAble fiber series

j-BendAble OMx fibers: j-fiber's new bend-insensitive 50/125 OM4, OM3, OM2⁺ compliant Multimode fibers for high-performance 10 Gigabit Ethernet transmission and beyond. OMx fiber series has been developed to support challenging data center installations and compact space management with demand for high fiber count cabling, tight installations and small bend radii tolerance and increase flexibility in installations with need of frequent modification, addition and changes (MAC). j-BendAble OMx fibers show superior low bending loss performance and open the window for future 40 or 100 Gigabit Ethernet transmission.



j-BendAble OMx performance in small bend-radii applications will be demonstrated in on-site measurement tests at our Wire 2010 booth. Please feel invited.

**Certified top quality
"green" fiber products**



MIL-STD 790 Certificate US
Department of Defence



DIN ISO 9001 and 14001



EMAS Certificate for
"green" fiber products and
processes

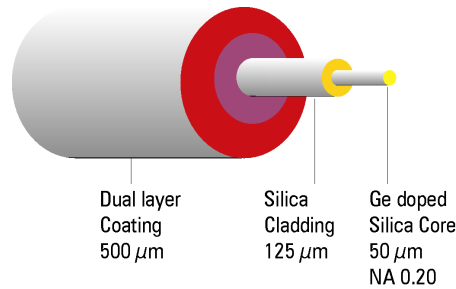


TÜV technical certificate for
safe and reliable products

j-BendAble Robust is j-fiber's bend-optimized 10 Gigabit 50/125 μm Multimode fiber. A special 500 μm coating provides maximum fiber protection from mechanical impacts in harsh environment or dense cable installations - with best handling and splicing features.

j-BendAble Robust ensures reliable 10 Gb/s Ethernet transmission over 150 m, 300 m, and 550 m link lengths in premises, data centers, Local Area Networks or Storage Area Networks where it is compatible with the existing OM2⁺/OM3/OM4 fiber base.

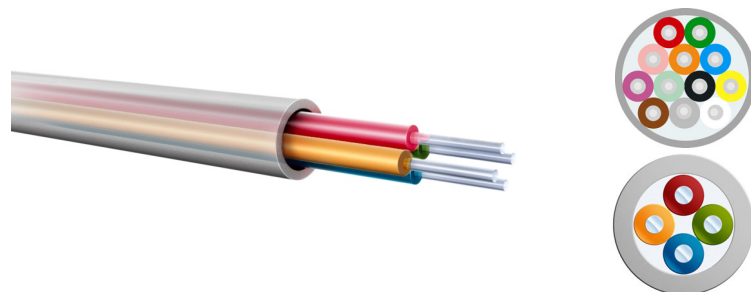
Please see our [j-BendAble Robust Datasheet](#) for details.



j-BendAble HiNA: j-fiber offers high Ge doped fibers with higher NA for use in specific customer applications. HiNA fibers provide for minimum attenuation loss in bending situations and can be delivered with a protective 500 μm coating for best protection.

j-FiberUnit service and products

While performance demands and cost pressure increase, cable manufacturers look for ways to increase productivity in cable manufacturing. With j-FiberUnit j-fiber offers a new product line and value-add service to its global cable manufacturing clients. j-FiberUnits contain an individual client choice of j-fiber Multimode or Singlemode high-performance optical fibers bundled in units containing 2 to 12 fibers. j-FiberUnits are delivered with a protective acrylate buffer which can be easily removed. j-FiberUnit products and bundling services allow cable makers to outsource a bottleneck production step to support productivity enhanced cable manufacturing of high-performance optical cables.



j-fiber Advanced Industry Fibers

PSHC – Pure Silica Hard Clad Fiber 200/300: The new design PSHC specialty industry fiber features an unmatched low attenuation and highest reliability in demanding industry applications. PSHC provides a high laser damage threshold and allows use in a wide wavelength range. 2 buffer options are available: PSHC with ETFE buffer ensures highest reliability in environments with very high or low temperature or humidity conditions. PSHC with TPA buffer material is the ideal solution for LSZH low smoke zero halogen indoor applications cables. Both PSHC products enhance productivity in subsequent fiber connectorization and offer superior handling features and Crimp & Cleave field connectivity.

GIPC - Graded Index Polymer Clad Fiber 50/200/230 μm and 62.5/200/230 μm : Combine highest datacom bandwidth with the high robustness of industry fibers. The fibers are best suited for use in Field Bus systems and Ethernet based control systems. GIPC high precision in fiber geometry allows for easy Crimp & Cleave connectivity and ensures lowest coupling loss.

Connect to j-fiber

Please feel welcome for individual discussions with our j-fiber experts, who will be available for you at **Wire 2010, Hall 11 / Booth C 58.**