

SkewClear® EXD™

EXD is the next generation solution for applications such as SFP+, 40GBASE-CR4, 100GBASE-CR10, and EDR InfiniBand, where the periodic structure of traditional spiral shield constructions in the twinax pair shield design causes a resonance of attenuation response at high frequency.



EXF SkewClear®

Spectra-Strip's new family of extended frequency "EXF" SkewClear® high precision cable is designed for high frequency applications such as InfiniBand, PCI Express, 10 / 40 / 100Gb Ethernet and SAS. Precision dielectric extrusion, pair shielding, and cabling are key elements necessary for consistent performance. As a result, one of the biggest technical challenges that confronts any cable manufacturer is tight attenuation "grouping", i.e., how consistent all the pairs in the cable are relative to each other.



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EXF SkewClear® Side Drain Cables

Spectra-Strip's family of "side drain" EXF SkewClear® high precision cable is designed for high frequency applications such as InfiniBand, PCI Express, Ethernet and SAS. With standard center drain constructions, the drain wire usually must be lifted over the signal wire and brought to the side for termination...



Low Smoke / Halogen Free SkewClear®

Spectra-Strip's family of Low Smoke / Halogen Free SkewClear® high precision cable is ideal for use in closed environments where ventilation is poor, such as subways, elevators, and ships. It is designed to reduce the generation of toxic and corrosive gases that are emitted from typical PVC insulated cables during combustion. These gases can injure personnel...



Standard SkewClear®

Spectra-Strip's family of standard SkewClear® high precision cable is designed for applications such as InfiniBand, PCI Express, 10Gb Ethernet and SAS. Precision dielectric extrusion, pair shielding, and cabling are key elements necessary for consistent performance. As a result, one of the biggest technical challenges that confronts any cable manufacturer is tight attenuation "grouping", i.e., how consistent all the pairs in the cable are relative to each other.



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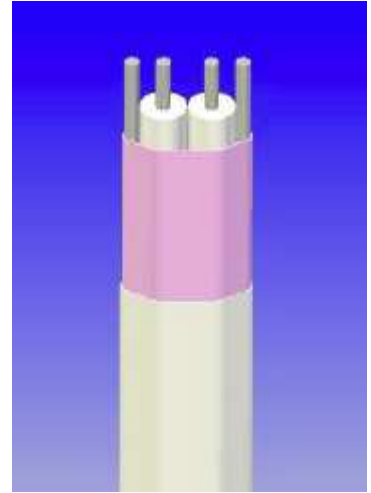
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Single Pair SkewClear® Cables

Single pair SkewClear cables are typically used for short length / high frequency applications inside a cabinet where space and cable flexibility limitations prohibit the use of more traditional overall shielded and jacketed cable bundles. Our precision SkewClear cables are made with the same pairs that are found in our more familiar jacketed external cables. They are available in standard, EXF (EXtended Frequency) and EXD (EXtended Distance) performance specifications, with a number of drain wire orientations to suit the application.



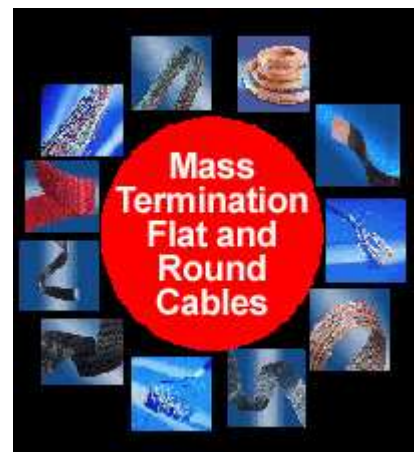
OptiClear™ SkewClear® Internal SAS Cables

The OptiClear series is a family of internal SAS cables optimized for termination to SFF 8484 and SFF 8087 connectors. The cables are available in 30 and 28 AWG 100 ohm precision twinaxial constructions, with 30 or 28 AWG sideband signals. The unique OptiClear™ construction has a thin, double layer heat sealed polyester jacket in lieu of traditional thick and bulky PVC jackets.



Mass Termination Flat and Round Cables

Spectra-Strip has an extremely broad range of flat and round cables designed to fit mass termination connectors in low and mid frequency applications. They are available in twisted pair, coaxial, zip, halogen free, round and flat, shielded and jacketed, and many other custom composites.



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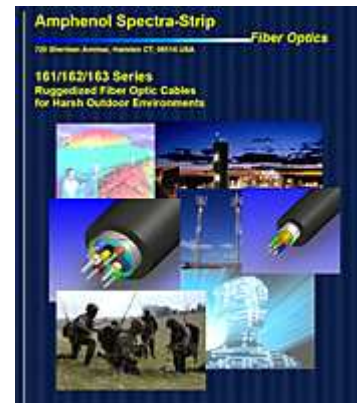
Spectra-Link™ Optical Ribbon

For optical QSFP and CXP applications, Spectra-Strip's Spectra-Link (tm) compact design combines high fiber density in a small, flexible package. It is available up to 24 fiber count, with single mode, 50µm or 62.5µm core graded index multimode fibers, with Riser, Plenum and LSHF ratings. It has an easily removable acrylate ribbon matrix material that facilitates stripping and breakout for splicing or termination.



Custom Military / Geophysical / Wi-Max / Medical Fiber Optics

Spectra-strip has created a complete family of rugged outdoor grade cables for military, geophysical, and Wi-Max applications. Available with unique ArmorLite (tm) armoring protection, these solutions provide the most robust solution available today in outdoor fiber optic cables. Custom medical cables are also available with hybrid combinations of fiber and coaxial cable elements in flat and round cable designs.



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