

## PC connector and FC interface

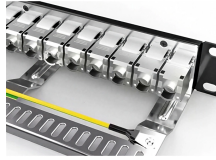


### Overview

The fiber end is embedded in a 2.5 mm ferrule made of ceramic or. The tip is then typically polished to produce a rounded surface, called "physical contact" polish. This surface profile means that when the fibers are mated they touch only at their, allowing transmission with low loss. The fibers are spring-loaded to control the force as the plug is screwed into the receptacle. A key prevents the fiber from rotating while the connectors are being mated.



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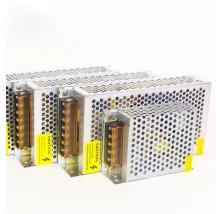
The FIS FC Connector is designed specifically for the installer that demands fast, easy assembly, and top optical performance. This nonoptical disconnect connector is available in multimode and ...



Standard fiber cables are equipped with an FC Type connector (FC APC or FC PC). They can also be provided with fiber connectors of type AVIM (compatible with LSA), E2000 or with different types of ...



Threaded FC/PC connectors are designed for high-vibration environments. The "PC" stands for "physical contact" because these connectors allow the surfaces of two connected fibers to be in ...



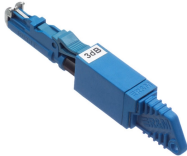
The FC/PC (Physical Contact) and FC/APC (Angled Physical Contact) connectors are standardized under TIA EIA/TIA-604-4 and IEC 61754-13. For APC connectors, understanding the ...



Some manufacturers have several grades of polish, for example an FC connector may be designated "FC/PC" (for Physical Contact), while "FC/SPC" and "FC/UPC" may denote "super" and "ultra" polish ...



Available for singlemode (PC/APC) and multimode (PC) fibers, it also supports advanced variants including PM, PZ, VIS/NIR, low-wavelength, fusion, and high-temperature fiber types.



JIS, IEC standard compliant and intermateability test certified. Comply with IEC 61754-13 and JIS C 5970(type F01). FC intermate test by NTT certified connector. Available with PC polishing, advanced ...



It's important to never directly mate an APC connector (green) with a UPC or PC connector (blue or black), as this can damage the fiber surfaces. If such a connection is needed, use a specialized ...



The LC, SC, and FC indicate the different structures of fiber connector types, whereas the UPC and APC indicate different polishing shapes of fiber connector end faces.



The fiber end is embedded in a 2.5 mm ferrule made of zirconia ceramic or stainless steel. The tip is then typically polished to produce a rounded surface, called "physical contact" polish. This surface profile means that when the fibers are mated they touch only at their cores, allowing transmission with low loss. The fibers are spring-loaded to control the force as the plug is screwed into the receptacle. A key prevents the fiber from rotating while the connectors are being mated.

## Contact Us

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