

Pigtail connectors APC and UPC



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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.



APC and UPC are the two most common polish types of fiber optic connectors, which can be judged by the color of the connector. UPC connectors are usually blue, while APC connectors are ...



The main difference between APC and UPC connectors is the fiber endface. APC connectors feature a fiber endface that is polished at an eight-degree angle; UPC connectors are ...



Confused about fiber optic pigtails—which connector type, which polish, fusion or mechanical splice? Our guide covers LC vs SC, APC vs UPC, splicing methods, and real-world use ...



Technical comparison of UPC and APC connectors including geometry, return loss, polishing angle, and application suitability.



We stock a wide variety of pigtail fiber types, including single mode and multimode, with all major connector options like SC, LC, ST, and FC available with UPC or APC polish.



As stated before, UPC and APC connectors should not be mated together — they are not compatible. And even more importantly, UPC connectors should never be connected to APC ports and vice versa.



Premium Plus Fiber Optic Pigtails and Pigtail Kits are ideal for fusion splicing the required fiber connectivity in the data centers, Broadband CATV, Passive Optical Network PON, WDM or DWDM ...



Featuring OS2 singlemode fiber and a variety of connector options, including LC APC, LC UPC, SC APC, and SC UPC, our pigtails are ideal for use where fast, reliable data transfer is critical.



These designations refer to both the type of connector (LC, SC, FC) and the polish style of the connector's end face (UPC, APC). While the connector name defines the physical interface, the ...

Contact Us

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