

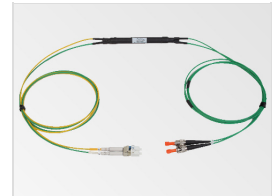
Datasheet

Mode Conditioning Patch Cord

Version: 05.12.2016

Application

- Active components with 1,300 nm modules use transmitter with laser characteristics
- Conditional of manufacturing, multimode fibers have adverse transmitting characteristics in the core center, since the refractive index profile can show discontinuities at this point
- The light feed in this core area causes a heavy DMD (differential mode delay) effect which leads to loss in bandwidth and range
- Mode conditioning patch cords enable an elimination of this effect by connecting the singlemode connector of the duplex cable at transmitter side
- A defined offset splice ensures that the light is fed in outside the DMD-prone core center of the multimode fiber



Mode Conditioning Patch Cord

Technical Data

- Complies with the IEEE802.3Z Gbit Ethernet 1000Base-LX PMD regulations
- EIA/TIA 568 A, ISO 11801, EN 50173
- Suitable as connection cable from active components to passive network instead of standard duplex patch cords
- Available combinations: E9/G50/125 μm and E9/G62.5/125 μm
- Assembly with all connectors in our range of products, including small form factor connectors
- Freely selectable length (max. 4.0 m)

