

Don't Let Your Optical Splitter Be Your Weakest Link

Fiber broadband speeds are increasing, making reliability of every component in the network more important. Clearfield's Optical Splitter options stand out, ensuring quality, reliability and longevity. Our certified splitters are tested to Telcordia GR-1209 and GR-1221, and our process provides customers peace of mind. We are proud to offer our certified Optical Splitters, featuring key highlights like cleanliness and testing standards with multiple packaging options.

	CLEARFIELD	Others
Operational Wavelength Covers 1260-1650 nanometers, including ALL of the PON network specifications while also allowing new networks on top of the same fiber using a different transmission wavelength.	✓	✗
Insertion Loss Guaranteed 0.20dB with our "Fiber Deep" technology, but typically hovers even lower at 0.15dB. The lower the better and this is the best on the market as compared to the industry standard of 0.35dB.	✓	✗
Return Loss Return loss is caused by impurities in the fiber, which means the lower the better. Clearfield Optical Splitters offer -50dB or better, always.	✓	✗
Uniformity Quality = uniformity. With less than 1.7 dB or less between the best leg and worst leg within the splitter, Clearfield retains high quality with low loss on the output fibers.	✓	✗
Operating Temperature With variation of temperatures across all environments, outside plant components must be built prepared. Our Optical Splitters are guaranteed for operation in a range of climates from the chilliest of environments (-40 degrees Celcius) to the hottest of days (85 degrees Celcius).	✓	✗
Mechanical and Durability Quality = uniformity. With less than 1.7 dB or less between the best leg and worst leg within the splitter, Clearfield retains high quality with low loss on the output fibers.	✓	✗
Endurance & Aging Tested and certified under eight different accelerated aging tests, our products are warrantied for 20 years - guaranteed.	✓	✗