

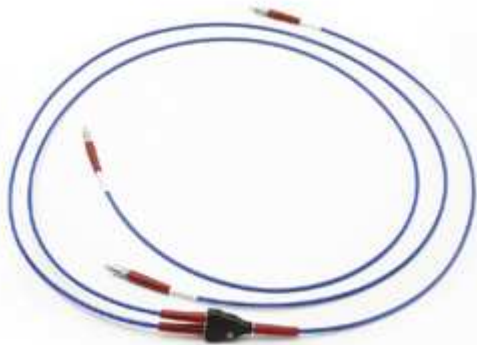
SMA 905 Aluminum & Polyimide Fiber Connector



SMA 905 Polyimide Fiber Connectors are used to terminate UHV and air service fiber optic cables. These connectors mate with Polyimide buffered fiber only due to the buffer size of the fiber.

SMA 905 Aluminum Fiber Connectors are used to terminate UHV and air service fiber optic cables. These connectors mate with Aluminum buffered fiber only due to the buffer size of the fiber.

Bifurcated Cable assemblies are Y-shaped assemblies with two fibers of the same diameter.



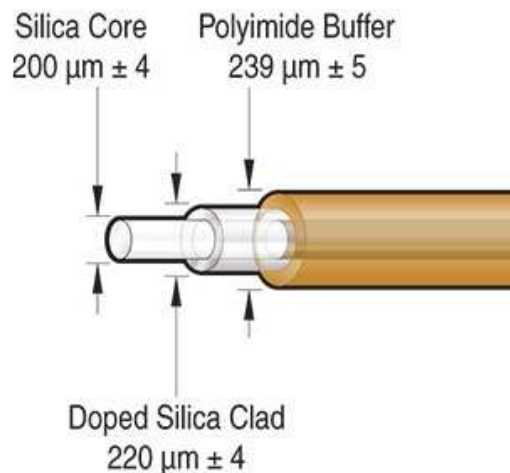
The two fibers are side-by-side inside of a common Premium SMA 905 connector on one end. From the breakout point of the assembly, the two fibers diverge into two legs. UHV and Air-service versions are available where the UHV version is made from 100-percent UHV compatible materials including a PEEK weave jacket, the Air-service assemblies are made with a PVC jacket. Air-service versions are split at 25-inches from the common end and the UHV versions are split at 12-inches from the common end.

79" long Air side
19" long UHV side

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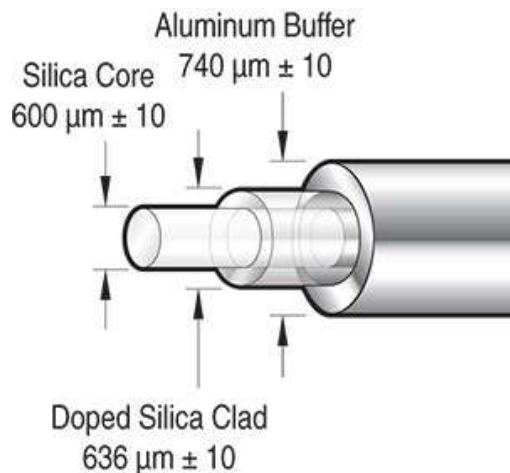
Polyimide Buffer Fiber is ideally suited for UHV environments and made with step index High-OH silica core, doped silica clad, and a polyimide buffer. This fiber is supplied non-terminated. Each fiber end is cleaved and NOT polished. The fiber has a numerical aperture of 0.22 ± 0.02 and a full acceptance cone angle of 24.8° . Optical fiber has been proof tested to 100 kpsi.

Polyimide Buffer Fiber - 200 UV / VIS



Aluminum Buffer Fiber is ideally suited for UHV environments and made with step index High-OH silica core, doped silica clad, and a aluminum buffer. This fiber is supplied non-terminated. Each fiber end is cleaved and NOT polished. The fiber has a numerical aperture of 0.22 ± 0.02 and a full acceptance cone angle of 24.8° .

Aluminum Buffer Fiber - 600 UV / VIS



Options of 19" or 39" inches are available here.
Custom lengths are also available.

