

Fiber Optic Accessories

Mechanical Splicer

Overview

Mechanical Splice(MS) is recommended for indoor, outdoor through and branch splicing, transition splicing between listed and non-listed cables, pigtail splicing and is ideal for emergency restoration. Incorporating a unique fiber alignment mechanism that self-centers the fibers and provides accurate alignment, MS requires minimal training and few accessories to assemble. In Average“blind”(non-tuned) splice loss is 0.15 dB to 0.3 dB.

The one-part-fits-all design accommodates 3.1 x 2.0 mm Drop cable. With no adhesive or epoxy required, the assembly process involves stripping and cleaving fibers, inserting the fibers into the splice part until they touch and turning the cams to secure the fibers. No special tools or polishing is required, although an optional assembly fixture is recommended and a self-contained tool kit is also available.



Features

- Good mechanical and environmental characteristics;
- Flame retardant characteristics meet the requirements of relevant standards;
- The mechanical characteristics meet the requirements of relevant standards;
- Soft, flexible, easy to lay and splice, and with big capacity data transmission;
- Meet various requirements of market and clients.

Technical Specifications			
Inspect Items	Test Conditions	Test Basis	Test Value
Vibration	10-55Hz,1.5mm,60s	IEC61300-2-1	<0.5dB
Interference	1.5m, 8 drops	IEC61300-2-6	<0.5dB
Coupling strength	50N, 120s L=22-28cm	IEC61300-2-12	<0.5dB
Intergrated Temperature/Humidity	40℃, 95%	IEC61300-2-21	<0.5dB
Working Temperature	-40 to 70℃		
Stocking Temperature	-40 to 70℃		