

Connection components - fiber optic cabling

Rapid Splice FB7195



INTRODUCTION:

Fibrain Rapid Splice are specifically designed to connect two fibers without the use of fusion splices. Fibrain Rapid Splice mechanic splices provide high quality fiber optic connections. They can be characterized by short termination time. Mechanical splice connection makes use of mechanical splice unit where 2 fibers are first inserted into the unit (fibers are set to the V-groove of the mechanical splice). The fibers are next aligned and then held in position by clamping parts. s. Index matching gel is added to the center of the mechanical splice (at the supposed connection point of the two fibers) to ensure good Insertion and Return Loss.

APPLICATIONS:

- ✓ Telecommunication Networks,
- ✓ Local Area Networks (LANs),
- ✓ Wide Area Networks (WANs),
- ✓ FTTH networks,
- ✓ Fiber optic nodal points,
- ✓ Distribution points of the fiber optic network,
- ✓ Intra-building.

FEATURES:

- ✓ Three points of grip and positioning a fiber,
- ✓ Easy and fast assembly,
- ✓ Suitable for single and multimode fiber,
- ✓ High quality materials,
- ✓ Connect fibers in 250 µm and 900 µm covering,
- ✓ Centering the fibers in v-grooves,
- ✓ Termination time is shorter than 120s.

TECHNICAL SPECIFICATION:

Parameter	FB7195
Type of connected fibers	singlemode 9/125 multimode 50/125, 62.5/125
Acceptable fiber's diameters	250-265 µm & 850-950 µm
Insertion Loss IL _{TYP}	0.15 dB
Insertion Loss IL _{MAX}	< 0.5 dB
Return Loss RL	> 40 dB
Operating temperature	-30 to +60°C
Splice dimensions	4x4x40 mm

ORDERING INFORMATION:

FB7195 Fibrain Rapid Splice

ADDITIONAL ACCESORIES:



- FB7197.1** Assembly tool for mechanical splices
- FB7197.21** Handle to connect fibers in 900 µm covering
- FB7197.31** Handle to connect fibers in 250 µm covering

Important notice

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.