

Fiber Optic Mechanical Splice L925BP

Application FTTx,CO network restruction
Patent number ZL 2009 1 0032845.8



Description

Be applicable for connecting 2.0*3.0mm dropcable, save cost; take advantage of ceramic core mature V-groove technologies, suitable for single mode and multimode; No fixture, operation time less than 1 minute.

Technical specification

Applicable for	3.0 x 2.0 mm dropcable
Size	90*7*8mm
Optical fiber diameter	125μm (G652D & G657A)
Tight buffer diameter	250μm & 900μm
Applicable mode	single & multimode
Operation time	about 30s (without fiber cut)
Insert loss	≤ 0.15dB (1310nm & 1490nm& 1550nm)
Return loss	≤ -50dB
Success rate	>98%
Reusability times	>10times
Fastening strength of naked fiber	>5 N ΔIL≤ 0.1dB
Clamping force of fiber with tight buffer	>8 N ΔIL≤ 0.1dB
Tensile strength	>50 N IL ≤ 0.2dB
Using temperature	-40 - +75 C
On-line tensile strength)	IL ≤ 0.2dB
Mechanical durability (500 times)	IL ≤ 0.2dB
Drop off test (4 meters high, cement floor, three directions)	IL ≤ 0.2dB

Relevant solutions

The dropcable connect to ONU directly in FTTH, the tensile strength is more than 5KG, especially applicable for network upgrading, fiber optic project restruction. It reduce one socket with an adapter, not only reduce the cost, but also be easy to operate.Can be matched with pigtail (SC、FC、LC、ST and etc).