



CBZS Fast connector

Features & Application

New plug self-locking structure CBZS can achieve a fast multi-core connection (1 second), and has three key positioning structure for one-handed blind insertion; low connection loss, high reliability, rugged, waterproof, dustproof, resistant to harsh environments, etc., can provide 1 fiber, 2 fiber, 4 fiber, 2 fiber 2 electric, 2 fiber 4 electric and a variety of multi-core electrical connectors and other models can also be designed and manufactured according to customer demand, can be used for a variety of outdoor harsh environments be used.

Self-locking plug fiber optic cable assemblies can be customized according to actual needs into different cable lengths and connector combinations, all standard fiber optic connectors (e.g. LC, SC, etc.) can be connected.

Self-locking plug connector specifications: 1 fiber, 2 fiber, 4 fiber, 2 fiber 2 electric, 2 fiber 4 electric. Mainly used for: emergency repair quick connection system, radio and television industry, high-definition camera systems, military exercises communication device is connected, the ship, mine communication system connecting the railway to connect the emergency communication systems, power industry and the mine emergency communication system.

Product Pics & Ordering Info



2 Fiber Float Plug (CBZS02P)



2 Fiber Float Socket (CBZS 02FS)



2 Fiber Fixed Plug (CBZS02P)



2 Fiber Fixed Socket (CBZS 02FS)

Connector Parameter

Insertion Loss	SM	$\leq 1.0\text{dB}$ (Typical $\leq 0.5\text{dB}$)
	MM	$\leq 1.0\text{dB}$ (Typical $\leq 0.3\text{dB}$)
Return Loss	SM	$\geq 50\text{dB}$
Mechanical	Plug	$\leq 1000\text{N}$ (Main Cable)
	Socket	$\leq 100\text{N}$ (Branch Cable)
Operation Temperature		$-40^\circ\text{C} \sim 85^\circ\text{C}$
IP Rate		IP68



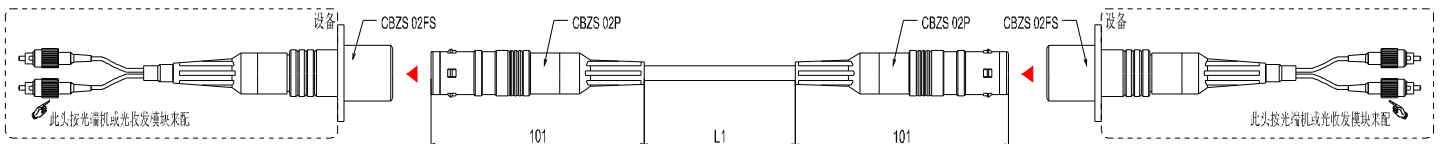
Cable Parameter

Cable OD.	4.0mm, 7.5mm
Outer Sheath	TPU
Anti-push Unit	KEVLAR
Fiber Type	9/125、50/125、62.5/125
Fiber Outer	900um fiber
Tensile Strength	Short term: 600N Long term: 200N
Operation Temperature	-40℃ ~ 85℃

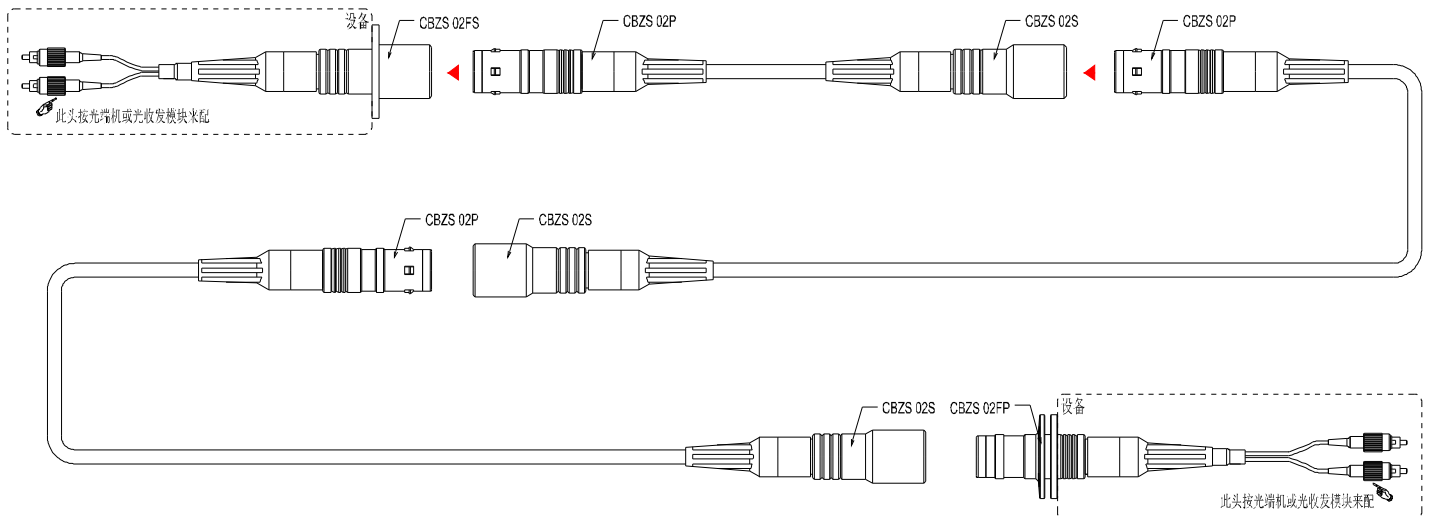
Branch Connector



Connection



Two equipment Connection



Two equipment extending cable Connection