



1、Descriptionss

J599/D38999 A6 fiber connector adopts the bayonet connection mode, the tri-curved groove structure, the rotation 120th degree can realize the connection and the separation, the connection is quicker and more convenient. Widely used in aviation, electronics, ships and other systems, installation of small visible occasions, rotating fast lock, to achieve multi-channel optical communication.

2、Features

- outer casing can choose different materials and coatings to adapt to different environmental requirements
- According to XC158 series connector interface
- Bayonet structure, quick connection
- five key location, there are blind mating and error proofing interpolation function
- ceramic pin and sleeve contacts to achieve precision docking
- Compatible j599iii series connector mounting dimensions
- Select standard connector on the other end, Various connector option: LC、SC、FC、ST etc.

3、Specifications

Fiber Type	SM (9/125um)		MM (50/125um、62.5/125um)
Polish	UPC	APC	UPC

XDK Communication Equipment (Huizhou) Co., Ltd.

Insertion Loss	≤0.7dB (Typical)	
Return Loss	UPC≥50dB, APC≥60dB	UPC≥20dB
Mechanical life	500 times ≤0.5dB	
Vibration	10Hz ~ 2000Hz, power spectral density 0.4G ² / Hz	
tensile strength	≥68N(2mm contacts jumper)	
Salt mist	≥1000h stainless steel, aluminum, cadmium plated ≥48h (aluminum nickel-plated)	
Stretching resistance	Short Period: 1200N Long Period:600N	
Protection level	IP68	
Fiber count(optional)	2 ~ 24	
Cable Diameter(optional)	4.0、7.0mm	
Jacket Material(optional)	LSZH、TPU	
Operating Temperature	- 55°C ~ + 85°C	

4. Application

- marine equipment communications
- airborne equipment
- acid and alkali
- hydrochloric acid
- wet and other harsh environment
- military communications and outdoor adverse environmental communications