

FC High Power Connectors

Description

FA type high power fiber optic connectors are made of standard FC type connectors with modified fiber optic metal inserts, precision ground into curved (UPC) or angled (APC) surfaces, with high temperature resistant glue and glue-free process and air gap.



Features

- Using high temperature resistant stainless steel metal connector and metal sheath, it can withstand 280°C high temperature and can work below 200°C for a long time.
- Matches various energy transmission fibers with fiber core diameter 80-1000um.
- Provide overhang insert, air gap, glue-free process, suitable for high power laser applications.
- Waterproof sealing design, oil and water resistant Protection level up to IP68.



Technical parameter

Categories	Indicator requirements
Insertion Loss	$\leq 0.30\text{dB}$
Reciprocity	$\leq 0.1\text{dB}$
Operating Temperature	$-40^{\circ}\text{C} \sim 200^{\circ}\text{C}$
Core type	Ceramic/metal PC, APC, PC overhang optional
Sheathing	PVC, mini armored hollow pipe, double buckle metal pipe
Protection level	IP68

