



1、Description

Non-Standard stainless steel ceramic patch cord series is widely used in laser semiconductor, E-PON device etc. Being made of SUS-304 steel, the non-standard stainless steel ceramic end is automatically processed under high precise control by CNC machines imported from Switzerland and Japan. The ceramic ferrule matched with stainless steel base is also produced through precise processing technic.

2、Features

- Low insertion loss, High return loss, Stricter than industry standards
- Good exchange ability and good durability, Stable optical properties
- Customized product.
- Able to join stainless steel tube
- Rohs Compliant
- Standard connector, Various connector option: LC、SC、ST、FC etc.
- Compliant with IEC61754, GR-326, TIA/EIA 568 standard

3、Specification

Fiber Type	SM (9/125um)		MM (50/125um、62.5/125um)
	UPC	APC	
Polish	UPC	APC	UPC
Insertion Loss (typical)	≤0.20dB		≤0.20dB
Return Loss	≥50dB	≥60dB	≥20dB

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End	End A: Non-standard stainless steel ceramic connector, 6°, 8.8°, 8°, or customized End B: LC、 SC、 ST、 FC etc
3D(End B)	Radius of Curvature :10-25mm(PC/UPC) , 5-12mm(APC) Apex offset : 0-50um High fiber : ±100 nm Angle: 8±0.2°(APC)
Cable Diamete	0.9 mm
Cable Color	White or customized
Jacket Material(optional)	LSZH、 OFNP、 OFNR、 PVC
Fiber Moder(optional)	G652D, G657A, G657B, OM1, OM2, OM3, OM4
Operating Temperature	-20 ~ +70 °C
Storage Temperature	-40 ~ +85 °C

4、 Application

- CATV detector
- E-PON device
- Passive and active components
- Laser semiconductor pigtail