

## Fibre Optic ST Quick/Fast Connectors

JCS Technologies ST Quick/Fast Connectors are factory pre-polished field installable connectors that completely eliminate the need for hand polishing in the field.

Proven mechanical splice technology ensures precision fibre alignment, a factory pre-cleaved fibre stub and proprietary index matching gel combine to offer an immediate low loss termination to optical fibres.

All primary fibre types are supported and each connector is colour coded per industry standard requirements to aid in identification during and after installation.

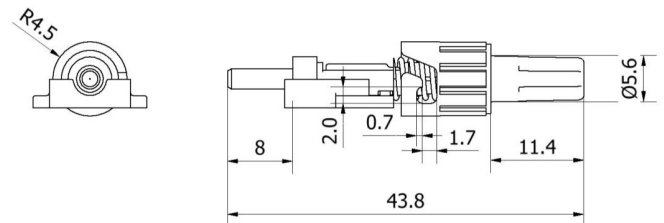


### FEATURES

- Pre-stubbed factory polished ferrule
- No epoxy required
- Precision mechanical alignment ensures low loss
- Fibre can be resealed
- 3mm, 2mm and 900mm boot types
- Intermateability IEC 61754-2
- Meets TIA/EIA 568C.3 performance requirements
- Meets TIA/EIA 604 (FOCIS) connector interface requirements
- RoHS

### APPLICATION

- Premise environment
- Connectors at the desk for LAN environments
- Patch Panels
- Direct equipment termination
- Fibre to the subscriber applications
- Equipment test leads



### SPECIFICATIONS

#### OPTICAL PERFORMANCE

Characteristics	Condition	Unit	Value		
			Min	Mean	Max
Insertion Loss	UPC	dB		0.30	0.50
	APC	dB		0.30	0.50
Return Loss	UPC	dB	50.0	53.0	
	APC	dB	55.0	62.0	

## GEOMETRY MANAGEMENT

PARAMETER	Unit	SPEC(PC/APC)	REFERENCE
Radius of Curvature	mm	7~25 / 7~12	GR-326-CORE 4.4.5 Geometry Requirement.
Dome Offset(Max)	um	50 / 50	
Undercut or Protrusion(Max)	nm	-125~50 / -100~100	

## END FACE MANAGEMENT

ZONES	SCRATCHES	DEFECTS	REFERENCE
A : Core (0 to 25um)	None	None	IEC 61300-3-35
B : Cladding (25 to 120um)	No limit : <= 3um None : > 3um	No limit : < 2um Five : from 2 to 5um None : > 5um	
C : Adhesive (120 to 130um)	No limit	No limit	
D : Contact (130 to 250um)	No limit	None : >=10um	

## PART CODES

### 900UM CORDAGE

<b>JCS-QCON-ST-9-OS2-6P</b>	QUICK CONNECTOR ST OS2 900um CABLE DIA - 6PK
<b>JCS-QCON-ST-9-OM1-6P</b>	QUICK CONNECTOR ST OM1 900um CABLE DIA - 6PK
<b>JCS-QCON-ST-9-OM3-6P</b>	QUICK CONNECTOR ST OM3 900um CABLE DIA - 6PK
<b>JCS-QCON-ST-9-OM4-6P</b>	QUICK CONNECTOR ST OM4 900um CABLE DIA - 6PK

### 2MM CORDAGE

<b>JCS-QCON-ST-2-OS2-6P</b>	QUICK CONNECTOR ST OS2 2MM CABLE DIA - 6PK
<b>JCS-QCON-ST-2-OM1-6P</b>	QUICK CONNECTOR ST OM1 2MM CABLE DIA - 6PK
<b>JCS-QCON-ST-2-OM3-6P</b>	QUICK CONNECTOR ST OM3 2MM CABLE DIA - 6PK
<b>JCS-QCON-ST-2-OM4-6P</b>	QUICK CONNECTOR ST OM4 2MM CABLE DIA - 6PK

### 3MM CORDAGE

<b>JCS-QCON-ST-3-OS2-6P</b>	QUICK CONNECTOR ST OS2 3MM CABLE DIA - 6PK
<b>JCS-QCON-ST-3-OM1-6P</b>	QUICK CONNECTOR ST OM1 3MM CABLE DIA - 6PK
<b>JCS-QCON-ST-3-OM3-6P</b>	QUICK CONNECTOR ST OM3 3MM CABLE DIA - 6PK
<b>JCS-QCON-ST-3-OM4-6P</b>	QUICK CONNECTOR ST OM4 3MM CABLE DIA - 6PK

