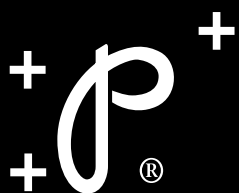


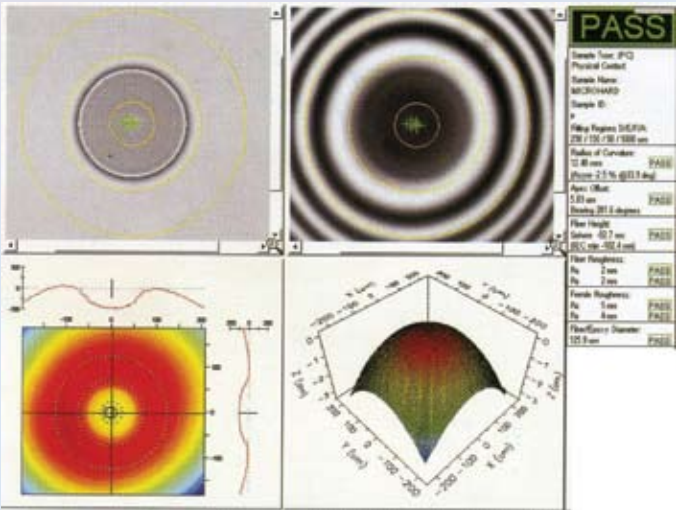
FIBER OPTIC

Interconnection Systems

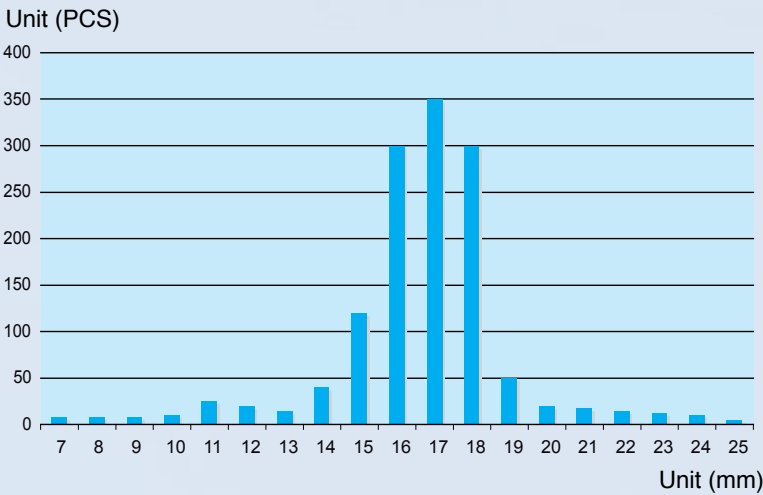


RoHS Compliant
Options Available!

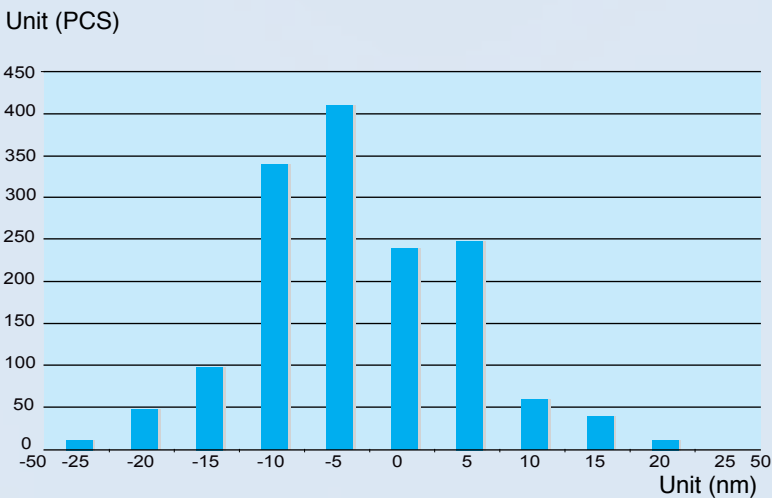
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Example of an Interferometer 3D Photograph

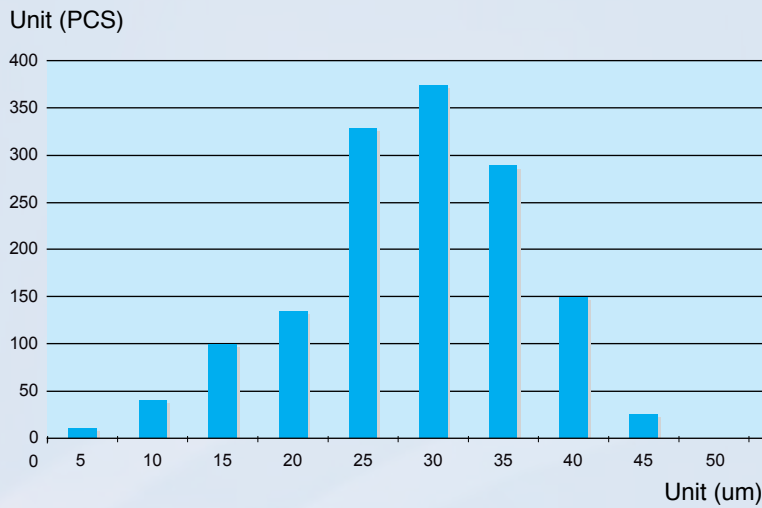


Typical Distribution Chart for Radius of Curvature

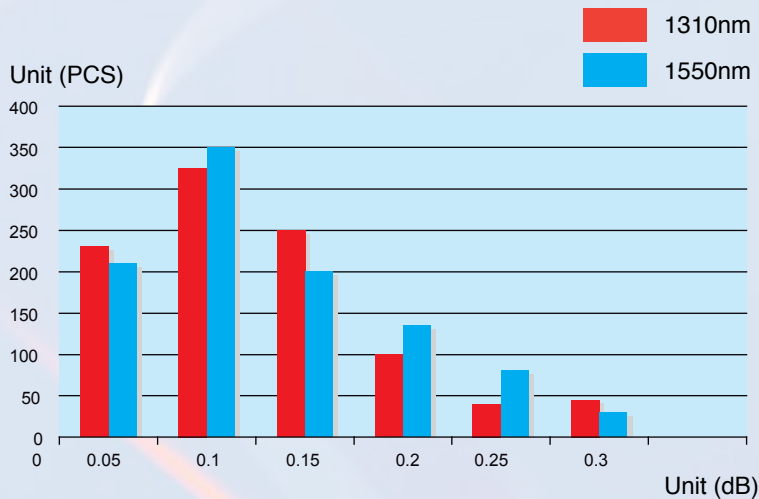


Typical Distribution Chart for Fiber Height

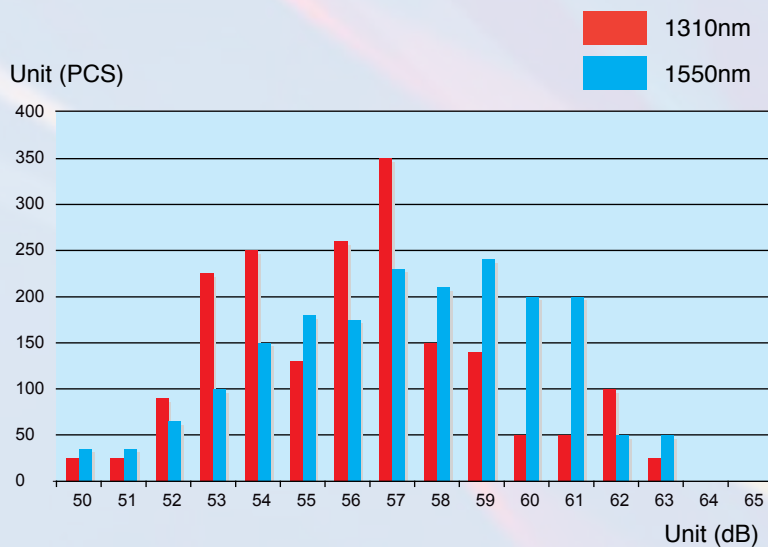
End Face Geometry



Typical Distribution Chart for Apex Offset



Typical Distribution Chart for Insertion Loss Measurement



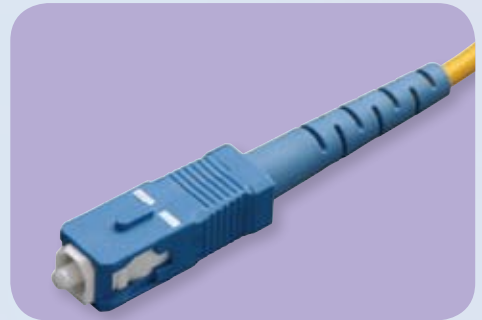
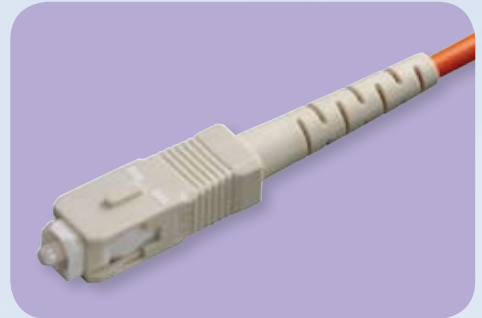
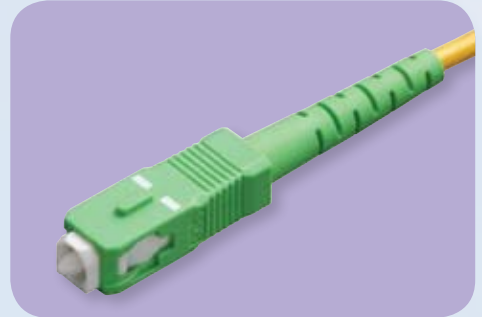
Typical Distribution Chart for Return Loss Measurement

SPECIFICATIONS

Parameters			Unit
Operating Wavelength			850,1310, 1550
Insertion Loss (Typical)			0.15
Return Loss Min.	Single Mode	SPC	>45
		UPC	>50
		APC	>60
	Multi Mode	PC	>30
Operating Temperature			-40 + 85
Conforms to Telcordia GR-326-CORE and EIA/TIA-568-B.3			

SC FEATURES/BENEFITS

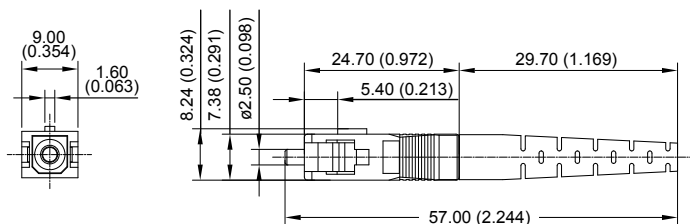
- EASY PUSH-PULL INSTALLATION
- MEETS TELCORDIA GR-326 CORE REQUIREMENTS AND EIA/TIA-568-B.3
- SUITED FOR DENSITY APPLICATIONS
- PRE-RADIUS CERAMIC FERRULES CONFIGURED FOR ULTRA PC, PC, AND APC POLISHING
- UTILIZES 2.5 MM CERAMIC FERRULE
- CONNECT OPTICAL EQUIPMENT TO FIBER OPTIC CROSS CONNECTS
- INTERCONNECTS WITHIN THE TELECOM CLOSET
- LOW BACK REFLECTION

SC-UPC
Single Mode ApplicationSC-PC
Multi-Mode ApplicationSC-APC
Single Mode Application

Consult factory for adapters

Consult factory for ST, MU,
DIN, MTRJ Applications

For Reference Only All Dimensions in mm (inches)



SPECIFICATIONS

Parameters				Unit
Operating Wavelength			850,1310, 1550	nm
Insertion Loss (Typical)			0.15	dB
Return Loss Min.	Single Mode	SPC	>45	dB
		UPC	>50	dB
		APC	>60	dB
	Multi Mode	PC	>30	dB
Operating Temperature			-40 + 85	C
Conforms to Telcordia GR-326-CORE and EIA/TIA-568-B.3				

FC FEATURES/BENEFITS

- SCREWED ON MECHANISM
- MEETS TELCORDIA GR-326 CORE REQUIREMENTS AND EIA/TIA-568-B.3
- PRE-RADIUS CERAMIC FERRULES CONFIGURED FOR ULTRA PC, PC, AND APC POLISHING
- CORROSION RESISTANT BODY
- LOW BACK REFLECTION
- LOW INSERTION LOSS
- UTILIZES 2.5 MM CERAMIC FERRULE
- CONNECTS OPTICAL EQUIPMENT TO FIBER OPTIC CROSS CONNECTS
- INTERCONNECTS WITHIN THE TELECOM CLOSET AND EQUIPMENT ROOM

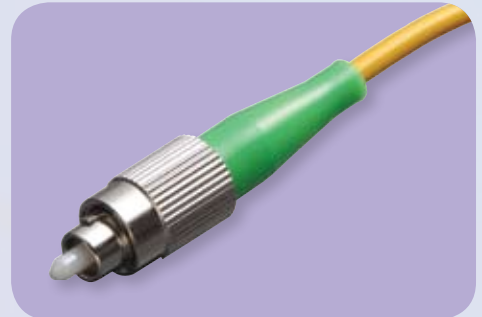
FC-UPC Single Mode Application



FC-PC Multi-Mode Application



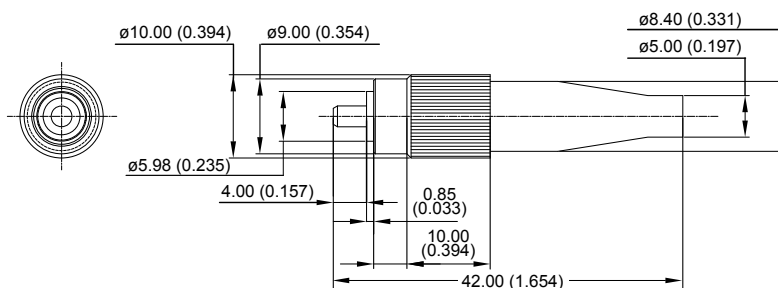
FC-APC Single Mode Application



Consult factory for adapters

Consult factory for ST, MU,
DIN, MTRJ Applications

For Reference Only All Dimensions in mm (inches)



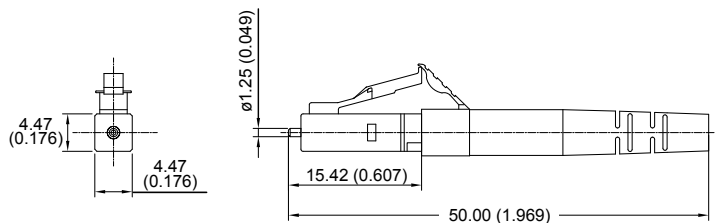
SPECIFICATIONS

Parameters			Unit
Operating Wavelength			850,1310, 1550
Insertion Loss (Typical)			0.15
Return Loss Min.	Single Mode	SPC	>45
		UPC	>50
		APC	>60
	Multi Mode	PC	>30
Operating Temperature			-40 + 85
Conforms to Telcordia GR-326-CORE and EIA/TIA-568-B.3			

LC FEATURES/BENEFITS

- PUSH AND LATCH MECHANISM
- MEETS TELCORDIA GR-326 CORE REQUIREMENTS AND EIA/TIA-568-B.3
- PRE-RADIUS CERAMIC FERRULE CONFIGURED FOR ULTRA PC, PC, AND APC POLISHING
- UTILIZES A 1.25MM CERAMIC FERRULE
- SUPPORTS INTERCONNECTIONS OF OPTICAL ROUTERS WITHIN THE TELECOM CLOSET AND EQUIPMENT ROOM
- LOW BACK REFLECTION

For Reference Only All Dimensions in mm (inches)

LC-UPC
Single Mode ApplicationLC-PC
Multi-Mode ApplicationLC-APC
Single Mode Application

Consult factory for adapters

Consult factory for ST, MU,
DIN, MTRJ Applications

Ordering Information

STEP 1 Connector Type	STEP 2 Polish Finish (Ref. Step1)	STEP 3 Connector Type	STEP 4 Polish Finish (Ref. Step3)	STEP 5 Fiber Mode	STEP 6 Cable Length in Meters	STEP 7 Cable Diameter	STEP 8 Core/ Cladding Diameter	STEP 9 Boot	STEP 10 RoHS Compliant per EC Directive	STEP 11 Special Options
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Step	1	2	3	4	5	6	7	8	9	10	11
Example	1	B	2	B	S	3.0	F	4	9	AA	

STEP 1 - Connector Type

- 1 - FC
- 2 - SC
- 3 - LC

STEP 2 - Polish Finish (Ref. Step1)

- A - PC (Physical Contact)
- B - UPC (Ultra Physical Contact)
- C - APC (Angle Physical Contact)
- D - SPC (Super Physical Contact)

STEP 3 - Connector Type

- 1 - FC
- 2 - SC
- 3 - LC

STEP 4 - Polish Finish (Ref. Step3)

- A - PC (Physical Contact)
- B - UPC (Ultra Physical Contact)
- C - APC (Angle Physical Contact)
- D - SPC (Super Physical Contact)

STEP 5 - Fiber Mode

- S-Single Mode
- M-Multimode

STEP 11 - Special Options

Consult Factory

STEP 10 - RoHS Compliant per EC Directive 2002/95/EC

- 0= Non AA
- AA = Compliant

STEP 9 - Boot

- 0 - No boot
- 8 - Rubber boot
- 9 - Bellcore boot

STEP 8 - Core/Cladding Diameter

- 4 - Single Mode 9/125
- 5 - Multi Mode 50/125
- 6 - Multi Mode 62.5/125

STEP 7 - Cable Diameter

- E - 2MM Jacketed Cable
- F - 2.4MM Jacketed Cable
- G - 3MM Jacketed Cable
- H - 900UM Buffer Cable

STEP 6 - Cable Length in Meters XX.X (1.0m - 99.9m)

Examples of typical cable lengths - ref. only

1.0M	5.0M
2.0M	10.0M
2.5M	15.0M
3.0M	

STEP 6 Note:

* Cable Length Tolerance

Length tolerance :

Less than 1 meter:

- +0.05/-0.0 meter

Equal or Longer than 1 meter but less than 5 meter :

- +0.25/-0.0 meter.

Equal or Longer than 5 meter:

- +0.5/-0.0 meter.

Consult factory for ST, MU, DIN, MTRJ Applications
Consult factory for adapters

NORTH AMERICAN SALES OFFICES

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Factory and Sales Office 800 641 4054

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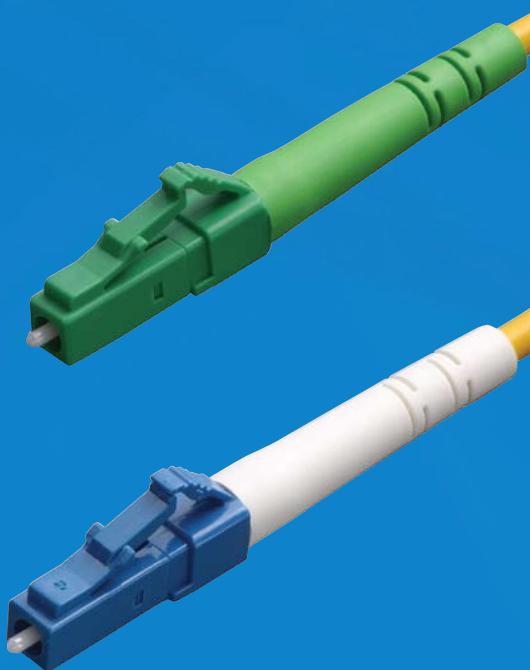
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FIBER OPTIC



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