

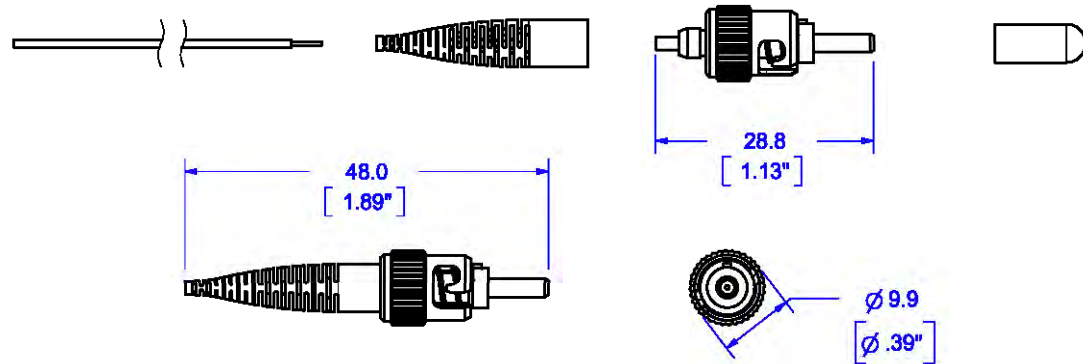
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REVISIONS

REV	DESCRIPTION	ECO	DATE	DWN	APVD
A	Initial release		3/11/2019	BB	RD
	Corrected part numbers		8/29/2019	BB	

NOTES:

1. RoHS COMPLIANT
2. -40°C TO 80°C OPERATING TEMPERATURE
3. SUITABLE FOR PLASTIC OPTICAL FIBER CABLE WITH $\varnothing 500\mu\text{m}$ or $\varnothing 250\mu\text{m}$ OPTICAL FIBER AND $\varnothing 1\text{mm}$ JACKET
4. STAINLESS STEEL FERRULE AND FLANGE
5. NICKEL PLATED ZINC NUT
6. DUST CAP
7. TIA 604.2 (FOCIS 2) COMPATIBLE



INSTRUCTIONS:

1. STRIP JACKET OFF OF FIBER ACCORDING TO CHART BELOW.
2. SLIP BOOT OVER CABLE.
3. APPLY EPOXY TO INSIDE OF ST CONNECTOR FLANGE AND BARE FIBER.
4. INSERT STRIPPED END OF CABLE INTO CONNECTOR. ROTATE FIBER DURING INSERTION TO EVENLY DISTRIBUTE EPOXY.
5. OPTIONAL - CRIMP FLANGE TO CABLE JACKET USING .068" HEX CRIMP DIE.
6. SLIP BOOT OVER FLANGE TO COMPLETE INSTALLATION. ALLOW EPOXY TO CURE BEFORE POLISHING.

RECOMMENDED EPOXY:
EPO-TEK 301

CRIMP TOOL:
IF 370046
USE 1.73 [.068"] HEX CRIMP

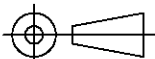
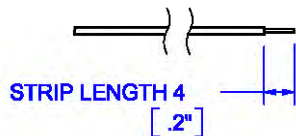
Part Number	Description	Inside Diameter
51 0532	ST for 250 μm POF	255 μm \pm 5
51 0533	ST for 500 μm POF	510 μm \pm 10

UNLESS OTHERWISE SPECIFIED
DIMENSIONS MILLIMETERS [IN.]

DIMENSIONS ARE FOR
REFERENCE ONLY
NO TOLERANCES MAY BE
IMPLIED FROM THIS DOCUMENT

PRODUCT	
MATERIAL	
FINISH	Passivated
DRAWN BY	B. Bidwell
DATE	3/1/2019
CHECKED BY	R. Dahl
DATE	3/14/2019

Industrial Fiber Optics TEMPE, AZ 85281			
NAME ST Connector 500 μm			
SIZE A	SCALE 1:1	PART NUMBER	REV A
DO NOT SCALE DRAWING		1 OF 1	



METRIC