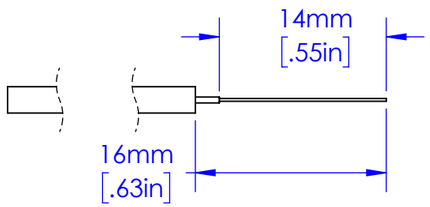


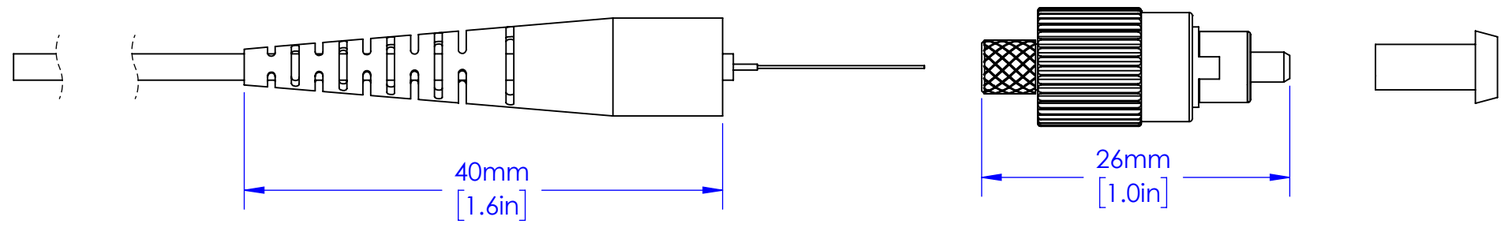
Connector disassembly is not required for installation.

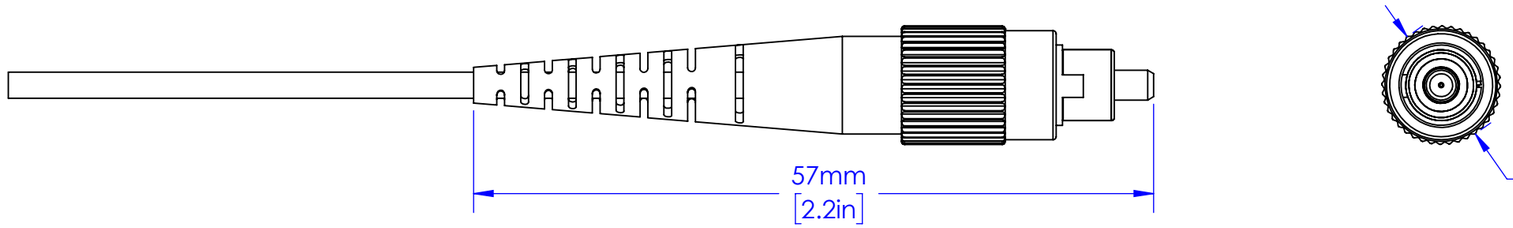
Instructions:
1. Strip cable jacket and buffer according to above diagram.
2. Slip boot over cable.
3. Apply epoxy to inside of flange/ferrule. Be careful not to get epoxy between the FC connector body and flange.
4. Insert fiber into ferrule.
5. Allow epoxy to cure overnight at room temp.
6. Slip boot over connector to finish installation.
7. Cleave and polish fiber.

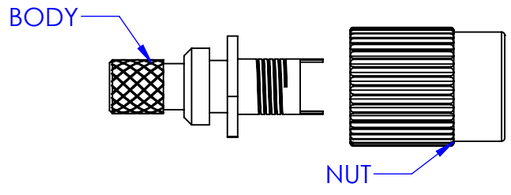
NOTES:
1. RoHS compliant.
2. Not EU REACH compliant.
3. -40°C to +80°C operating temperature.
4. Suitable for HCS fiber with up to 2.2 mm jacket.
5. Nickel plated brass body and nut with stainless steel ferrule and polyethylene dust cap.
6. TIA 604.4 (FOCIS 4) compliant.
7. Includes black boot.
8. Custom drilled ferrules for other fiber diameters are available.

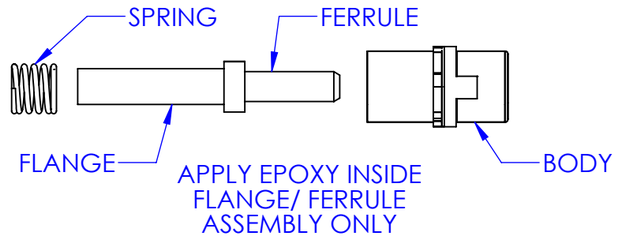
RECOMMENDED EPOXIES:
- EPO-TEK 301
- EPO-TEK 1656

REVISIONS					
REV.	DESCRIPTION	ECO	DATE	DWN	APVD
A	Initial release		5/6/2022	BB	DH
B	Updated buffer strip length from 8mm to 14mm		4/2/2026	SA	DH
C	Updated epoxy list; Updated assembly instructions		5/20/2026	SA	DH









Part Number	Hole ∅ (µm)	Hole ◎ (µm)
51 0554	231 +5/ -0	40
51 0555	450 ± 10	19

DIMENSIONS	MILLIMETERS [IN]
0 PLC:	±1.0
1 PLC:	±0.3
2 PLC:	±0.13
3 PLC:	±0.025
4 PLC:	±0.0127
ANGLE:	±1/2
APPLICATION	

UNLESS OTHERWISE SPECIFIED:
Customer:
INTERPRET GEOMETRIC TOLERANCING PER: ASME Y14.5-2009
MATERIAL
FINISH
DO NOT SCALE DRAWING

SURFACE TEXTURE: 3.2

	NAME	DATE
DRAWN	S. Ahmed	5/20/26
CHECKED	D. Hanson	5/20/26

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

INDUSTRIAL FIBER OPTICS
TEMPE, AZ 85281

TITLE:
FC Connector, HCS

SIZE	DWG. NO.	REV
B	51 0554	C
SCALE: 1:2	WEIGHT:	SHEET 1 OF 1