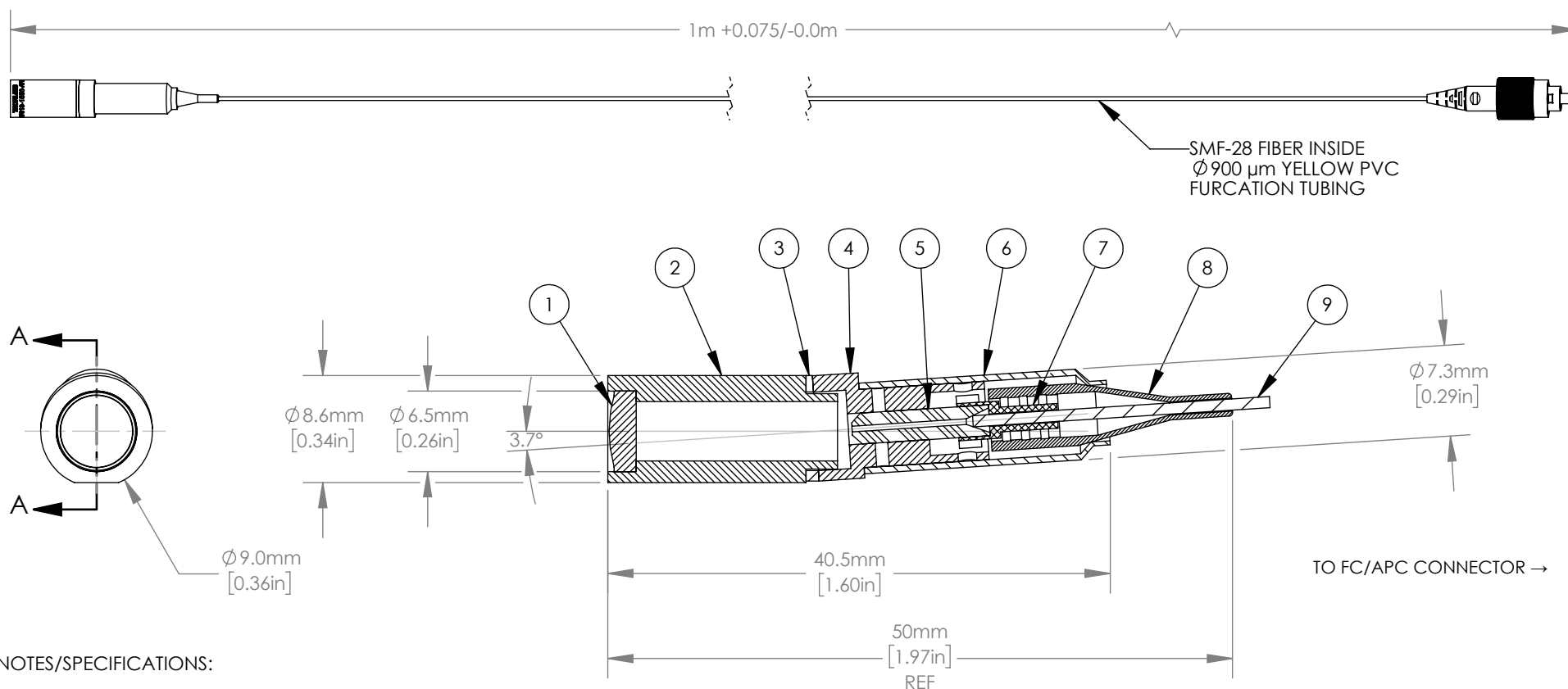


ITEM	PART	MATERIAL
1	∅ 6.50 mm, f=18.75 mm LENS	MOLDED ASPHERE
2	LENS CELL	303 STAINLESS
3	ANGLED WASHER	416 STAINLESS
4	PORT	303 STAINLESS
5	FERRULE	ZIRCONIA
6	PORT SLEEVE	303 STAINLESS
7	STEM	303 STAINLESS
8	FIBER STRAIN RELIEF BOOT	TPR
9	TUBING	HYTREL



NOTES/SPECIFICATIONS:

1. DESIGN WAVELENGTH: 1550 nm
2. FULL ANGLE BEAM DIVERGENCE: 0.55 mrad +0.17/-0.00 mrad
3. 1/e² BEAM DIAMETER: 3.57 mm
4. FIBER TYPE: SMF-28-J9
5. FIBER LENGTH: 1 m
6. RETURN LOSS: 55 dB
7. FIBER MODE FIELD DIAMETER: 10.4 μm
8. CONNECTOR TYPE: FC/APC 8° POLISH
9. AR COATING (LENS): BBAR 1050-1700 nm, R_{avg} < 0.5%
10. AR COATING (FERRULE): 1550 ± 15 nm, R < 0.25%

FOR INFORMATION ONLY
NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION			 www.thorlabs.com	
NAME	DATE	PIGTAILED ASPHERIC COLLIMATOR, EFL 18.75 mm, 1550 nm, FC/APC		
DRAWN	NI	09/AUG/22	MATERIAL	
APPROVAL	VP	11/AUG/22		
COPYRIGHT © 2022 BY THORLABS			SEE TABLE	REV D
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS			ITEM #	APPROX WEIGHT
			CFS18-1550-APC	6.5 g