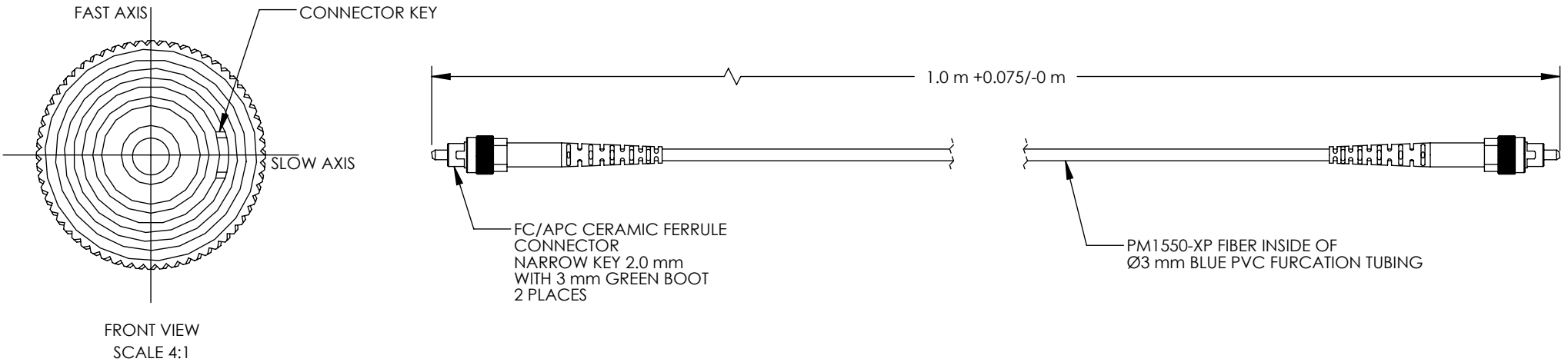


FIBER SPECIFICATIONS						
ITEM #	OPERATING WAVELENGTH	MODE FIELD DIAMETER*	CLADDING	COATING	CUTOFF WAVELENGTH	NA**
PM1550-XP	1440 - 1625 nm	10.1 ± 0.4 μm @1550nm	125 ± 2 μm	245 μm ± 15 μm	1380 ± 60 nm	0.125

*MODE FIELD DIAMETER (MFD) IS SPECIFIED AS A NOMINAL VALUE. IT IS THE DIAMETER AT THE 1/e² POWER LEVEL IN THE NEAR FIELD.
 ** NUMERICAL APERTURE (NA) IS SPECIFIED AS A NOMINAL VALUE.



CABLE SPECIFICATIONS	
ALIGNMENT WAVELENGTH	1550 nm
MAX INSERTION LOSS	0.5 dB
MIN EXTINCTION RATIO	23 dB
TYPICAL OPTICAL RETURN LOSS	60 dB
CONNECTOR TYPE	FC/APC
KEY WIDTH	NARROW (2.0 mm)
KEY ALIGNMENT	SLOW AXIS
OPERATING TEMPERATURE	0 to 70°C
STORAGE TEMPERATURE	-45 to 85°C

INCLUDED BUT NOT SHOWN:
 • PLASTIC DUST CAPS

FOR INFORMATION ONLY
 NOT FOR MANUFACTURING PURPOSES

DRAWING PROJECTION				THORLABS www.thorlabs.com	
NAME	DATE	1 m, 1550 nm, FC/APC PM CABLE		MATERIAL	
DRAWN	JW	23/JUL/12	N/A		REV
APPROVAL	HC	27/OCT/21			K
COPYRIGHT © 2021 BY THORLABS					
VALUES IN PARENTHESIS ARE CALCULATED AND MAY CONTAIN ROUND OFF ERRORS				ITEM #	APPROX WEIGHT
				P3-1550PM-FC-1	0.02 kg