



PROPRIETARY AND CONFIDENTIAL
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STANDARD SPECIFICATIONS

PARAMETERS	VALUES
Wavelength range	1270-1610 nm for SM; 850 and 1310 nm for MM
Insertion loss	<5 dB (typical: 2-3 dB)
Insertion loss ripple	~+/-0.5 to 1 dB
Return loss (SM)	>45 dB
Crosstalk	>50 dB (typical: 63 dB)
Maximum speed	400 rpm
Estimated life cycle	100-200 million revolutions
Working temperature	-20 to 65 C
Storage temperature	-25 to 75 C
Package style	Pigtails on both ends
Housing material	Stainless steel
Fiber types	Single or multimode
Jacket types	900um, 2mm, 3 mm (Kevlar/PVC or armor)
Connector types	ST, FC, LC, SC (PC and APC)
Vibration	MIL-STD-167-1A
Mechanical shock	MIL-STD-810G
IP rating	IP 60

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN mm
DO NOT SCALE DRAWING

TOLERANCES:
ANGULAR: $\pm 1/2^\circ$
ONE PLACE DECIMAL ± 0.100
TWO PLACE DECIMAL ± 0.050
THREE PLACE DECIMAL ± 0.025

MATERIAL:

DATE		NAME		PRINCETEL, INC.
DRAWN	10/26/2017	L. X.		
CHECKED	10/26/2017	R. Z.	TITLE:	
ENG APPR.			ZJn, FORJ	
MFG APPR.			(n=2-4)	
COMMENTS: FIRST ANGLE PROJECTION				SIZE
				DWG. NO.
				REV
				4
				PART NO.
				-
				SHEET 1 OF 1

