



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	300 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-167-1
Mechanical shock	MIL-STD-810F
IP rating	Up to IP 65

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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN mm
 DO NOT SCALE DRAWING

TOLERANCES:
 ANGULAR: ± 1/2°
 ONE PLACE DECIMAL ± 0.100
 TWO PLACE DECIMAL ± 0.050
 THREE PLACE DECIMAL ± 0.025

MATERIAL:

DRAWN	DATE	NAME	PRINCETEL, INC.
CHECKED	9/28/2015	L. X.	
ENG APPR.		R. Z.	
MFG APPR.			
Q.A.			
COMMENTS: FIRST ANGLE PROJECTION			TITLE:
			MXn, FORJ
SIZE	DWG. NO.	REV	
B	2023-0.4-AD	2	
PART NO.	-	SHEET 1 OF 1	

