



STANDARD SPECIFICATIONS

PARAMETERS	VALUES
Wavelength range	650-1650 nm
Insertion loss	<2 dB (typical: <0.5 dB)
Insertion loss ripple	<+/-0.25 dB (typical: +/-0.15 dB)
Return loss (SM)	>40 dB (RPT), >55 dB (RPTA)
Maximum speed	2,000 rpm
Estimated life cycle	>500 million revolutions (1,000 rpm/365 days continous)
Working temperature	-40 to 85 C
Storage temperature	-50 to 85 C
Package style	Pigtails on both ends
Housing material	Stainless steel
Fiber types	Single or multimode
Jacket types	900um, 2mm, 3 mm
Connector types	ST, FC, LC, SC (PC and APC)
Vibration	MIL-STD-167-1A
Mechanical Shock	MIL-STD-810G
IP Rating	IP 68
Fiber Min Bend Radius:	20 mm
Special Feature:	Fluid Filled

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.
DRAWN		9/11/2015	L. X.	
CHECKED		9/11/2015	R. Z.	
ENG APPR.				
MFG APPR.				
COMMENTS: FIRST ANGLE PROJECTION				TITLE:
				RPT,FORJ
SIZE	DWG. NO.	REV		
B	1071-RPT-AD	3		
PART NO.		SHEET 1 OF 1		

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REVISIONS			
REV.	ZONE	DESCRIPTION	DATE APP.
3		ADD NOTES TO SPEC.	3/6/20 L.X.

