

SC/APC ADAPTOR
OR AS PER ORDER

ROTOR

ROTATIONAL
INTERFACE

STATOR

FC
CONNECTOR
OR AS PER ORDER

23.0

Ø 26.0

BOOT

JACKET

Fiber Length 1.0 ^(+0.2)/_(0.0) meter STD or As Per Order

MJX FORJ INSIDE

GEAR
m=1
Z=25

25.0

28.2

31.2

85.0

Note: More options available upon request.

Ø 27.0
GEAR

(4 x 90°)
M2x0.4 - 6H ∇ 4.0

45°

Ø 22.0

SC/APC
ADAPTOR

FC/APC
ADAPTOR

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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 (typical: 45 dB, 23 C), >55 dB (MJXA)
Estimated life cycle	200-400 million revolutions
Working temperature	-40 to 85 C
Storage temperature	-50 to 85 C
Package style	Pigtails on stator, SC/APC or FC/APC Adaptor on rotor
Housing material	Stainless steel
Fiber types	Single or multimode
Jacket types	900um, 2mm, 3 mm (Kevlar/PVC)
Connector types	ST, FC, LC, SC (PC and APC)
Vibration	MIL-STD-167-1A
Mechanical shock	MIL-STD-810G
IP rating	IP 68

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:

DATE		NAME		PRINCETEL, INC.
DRAWN	9/6/2017	L. X.		
CHECKED	9/6/2017	R. Z.		
ENG APPR.				
MFG APPR.				
COMMENTS: FIRST ANGLE PROJECTION				TITLE:
				MJX-SAP(FAP), FORJ GEAR DRIVE
SIZE	DWG. NO.	REV		
B	186-201-AD1	3		
PART NO.		SHEET 1 OF 1		

