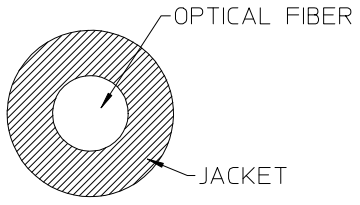


10 9 8 7 6 5 4 3 2 1

CABLE PART NUMBER	JACKET COLOR
106208-8111	BLUE
106208-8121	WHITE
106208-8131	RED
106208-8141	GREEN
106208-8151	BLACK

DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, PE, 100M REEL

CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
REFRACTIVE INDEX PROFILE	STEP INDEX
CORE DIAMETER	980±60 µm
CLADDING DIAMETER	1000±60 µm
JACKET MATERIAL	POLYETHYLENE (PE)
JACKET COLOR	SEE TABLE
JACKET DIAMETER	2.2±0.07 mm
APPROXIMATE WEIGHT	3.8 kg/km
TRANSMISSION LOSS (@20°C)	
@650nm	< 160 dB/km
@660nm	< 230 dB/km
BANDWIDTH @650nm	> 10 MHz x 100 m
MIN BEND RADIUS	
SHORT TERM	25 mm
LONG TERM	25 mm
MAX PULL FORCE	
SHORT TERM	15 N
LONG TERM	5 N
MAX CRUSH RESISTANCE	
SHORT TERM	300 N/dm
LONG TERM	40 N/dm
REPEATED BENDING	10000 cycles
TRANSPORT AND STORAGE TEMPERATURE	-55°C to +85°C
INSTALLATION TEMPERATURE	-5°C to +50°C
OPERATION TEMPERATURE	-55°C to +85°C
FIRE PERFORMANCE	HALOGEN-FREE
CHEMICAL CHARACTERISTICS	RESISTANCE TO OIL, PETROL, ACID AND LEACH
STANDARDISATION	MULTIMODE FIBRES CATEGORY A4a2 IEC 60793-2-40 IEC 60794-2-41
APPLICATION/INSTALLATION	APPLICATIONS WITH A SIMPLE MECHANICAL DEMAND, DIRECT CONNECTOR ASSEMBLY



NOTE:
1. PACKAGING: 100m REEL.

ENTER DESCRIPTION EC NO: MF2015-0572 DRWN: SBOJANIC 2014/11/20 CHKD: APPR: IGUMIN 2015/04/02 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	DRAWN BY SBOJANIC	DATE 2014/11/20	TITLE POF SIMPLEX CABLE, 2.2MM, PE, 100M		
	∇=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY	DATE	APPROVED BY molex		
		2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	IGUMIN	2015/04/02	MATERIAL NO.	DOCUMENT NO. SD-106208-8111	SHEET NO. 1 OF 1
		0 PLACE ± --- ± ---	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

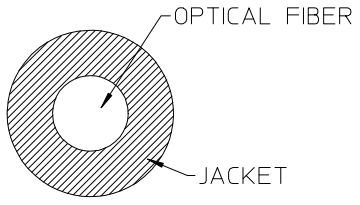
9 8 7 6 5 4 3 2 1

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NOTE:
1. PACKAGING: 100m REEL.

ENTER DESCRIPTION EC NO: MF2015-0572 DRWN: SBOJANIC 2014/11/20 CHKD: APPR: IGUMIN 2015/04/02 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE			
	∇=0	4 PLACES ± --- ± ---		SBOJANIC	2014/11/20	POF SIMPLEX CABLE, 2.2MM, PE, 100M			
		3 PLACES ± --- ± ---		CHECKED BY	DATE				
		2 PLACES ± --- ± ---		APPROVED BY	DATE	molex			
	1 PLACE ± --- ± ---		IGUMIN	2015/04/02					
	0 PLACE ± --- ± ---		MATERIAL NO.	DOCUMENT NO.	SD-106208-8111		SHEET NO.		
		ANGULAR ±1/2°	SEE TABLE				1 OF 1		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

9 8 7 6 5 4 3 2 1