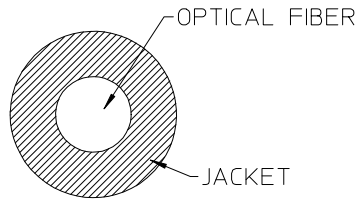


DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, CPE, 500M REEL

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	CHLORINATED POLYETHYLENE (CPE)
JACKET COLOR	BLACK
JACKET DIAMETER	2.2±0.07 mm
APPROXIMATE WEIGHT	6.0 kg/km
TRANSMISSION LOSS (@20°C)	
@650nm	< 170 dB/km
@660nm	≤ 230 dB/km
BANDWIDTH @650nm	≥ 10 MHz x 100 m
MIN BEND RADIUS FIXED (STATIC)	25 mm
MAX TENSILE FORCE	
SHORT TERM	15 N
LONG TERM	5 N
MAX CRUSH RESISTANCE	
SHORT TERM	300 N/dm
LONG TERM	40 N/dm
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	UL AWM 5310 80C VW-1
CHEMICAL CHARACTERISTICS	RESISTANCE TO OIL, PETROL, ACID AND LEACH
STANDARDISATION	MULTIMODE FIBRES CATEGORY A4d2 IEC 60793-2-40 IEC 60794-2-41
APPLICATION/INSTALLATION	APPLICATIONS WITH A SIMPLE MECHANICAL DEMAND, DIRECT CONNECTOR ASSEMBLY



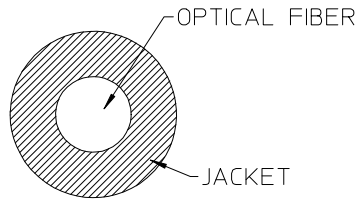
NOTE:
1. PACKAGING: 500M REEL.

ENTER DESCRIPTION EC NO: MF2015-0572 DRWN: SBOJANIC 2015/03/25 CHKD: APPR: IGUMIN 2015/04/02	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▼=0 ◻=0	mm	INCH	MM ONLY	---	METRIC		
		4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE	POF SIMPLEX CABLE, 2.2MM, CPE, BLACK, 500M
		3 PLACES	± ---	± ---	SBOJANIC	2015/03/25		
		2 PLACES	± ---	± ---	CHECKED BY	DATE		
	1 PLACE	± ---	± ---	APPROVED BY	DATE			
	0 PLACE	± ---	± ---	IGUMIN	2015/04/02			
		ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		1062088405	SD-106208-8405		1 OF 1	
				SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
				A3				



DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, CPE, 500M 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	CHLORINATED POLYETHYLENE (CPE)
JACKET COLOR	BLACK
JACKET DIAMETER	2.2±0.07 mm
APPROXIMATE WEIGHT	6.0 kg/km
TRANSMISSION LOSS (@20°C)	
@650nm	< 170 dB/km
@660nm	≤ 230 dB/km
BANDWIDTH @650nm	≥ 10 MHz x 100 m
MIN BEND RADIUS FIXED (STATIC)	25 mm
MAX TENSILE FORCE	
SHORT TERM	15 N
LONG TERM	5 N
MAX CRUSH RESISTANCE	
SHORT TERM	300 N/dm
LONG TERM	40 N/dm
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	UL AWM 5310 80C VW-1
CHEMICAL CHARACTERISTICS	RESISTANCE TO OIL, PETROL, ACID AND LEACH
STANDARDISATION	MULTIMODE FIBRES CATEGORY A4d2 IEC 60793-2-40 IEC 60794-2-41
APPLICATION/INSTALLATION	APPLICATIONS WITH A SIMPLE MECHANICAL DEMAND, DIRECT CONNECTOR ASSEMBLY



NOTE:
1. PACKAGING: 500M REEL.

ENTER DESCRIPTION EC NO: MF2015-0572 DRWN: SBOJANIC 2015/03/25 CHKD: APPR: IGUMIN 2015/04/02	DESCRIPTION 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 2015/03/25	TITLE POF SIMPLEX CABLE, 2.2MM, CPE, BLACK, 500M				
		∇=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY	DATE					
			ANGULAR ±1/2°	2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	APPROVED BY IGUMIN	DATE 2015/04/02	molex MATERIAL NO. 1062088405 DOCUMENT NO. SD-106208-8405 SHEET NO. 1 OF 1			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	0 PLACE ± --- ± ---		SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				