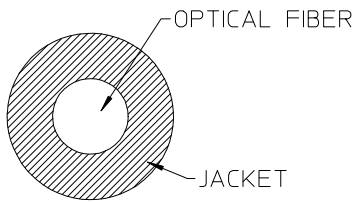


CABLE PART NUMBER	JACKET COLOR
106208-8115	BLUE
106208-8125	WHITE
106208-8135	RED
106208-8145	GREEN
106208-8155	BLACK

DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, PE, 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	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



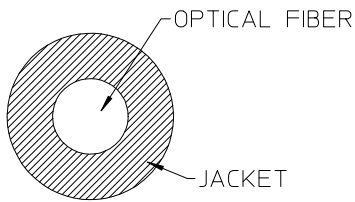
NOTE:  
1. PACKAGING: 500m REEL.

ENTER DESCRIPTION EC NO: MF2016-0013 DRWN: SBOJANIC 2015/07/13 CHKD: APPR: IGUMIN 2015/07/14 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	2015/03/24	POF SIMPLEX CABLE, 2.2MM, PE, 500M		
		3 PLACES ± --- ± ---		CHECKED BY	DATE			
		2 PLACES ± --- ± ---	APPROVED BY		DATE			
	1 PLACE ± --- ± ---	IGUMIN		2015/04/02				
	0 PLACE ± --- ± ---	ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
A1		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE	SD-106208-8115	1 OF 1		
				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

CABLE PART NUMBER	JACKET COLOR
106208-8115	BLUE
106208-8125	WHITE
106208-8135	RED
106208-8145	GREEN
106208-8155	BLACK

DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, PE, 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	POLYETHYLENE (PE)
JACKET COLOR	SEE TABLE
JACKET DIAMETER	2.2±0.07 mm
APPROXIMATE WEIGHT	3.8 kg/km
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@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: 500m REEL.

ENTER DESCRIPTION EC NO: MF2016-0013 DRWN: SBOJANIC 2015/07/13 CHKD: APPR: IGUMIN 2015/07/14	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY SBOJANIC	DATE 2015/03/24	TITLE POF SIMPLEX CABLE, 2.2MM, PE, 500M			
A1	DESCRIPTION	4 PLACES	± ---	± ---	CHECKED BY	DATE	molex	SD-106208-8115	SHEET NO. 1 OF 1
		3 PLACES	± ---	± ---	APPROVED BY IGUMIN	DATE 2015/04/02			
		2 PLACES	± ---	± ---					
		1 PLACE	± ---	± ---					
		0 PLACE	± ---	± ---					
		ANGULAR ±1/2°		MATERIAL NO.	DOCUMENT NO.				
		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				