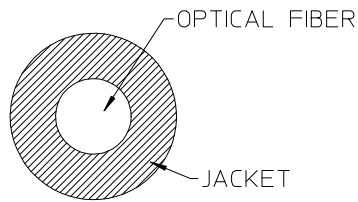


DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, PE, BLACK, 500M REEL

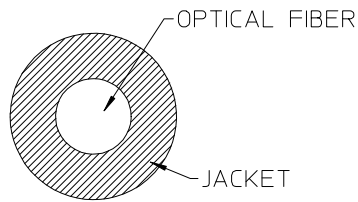


CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
CORE REFRACTIVE INDEX	1.49
REFRACTIVE INDEX PROFILE	STEP INDEX
CORE DIAMETER	980±60 μm
CLADDING DIAMETER	1000±60 μm
JACKET MATERIAL	POLYETHYLENE (PE)
JACKET COLOR	BLACK
JACKET DIAMETER	2.2±0.07 mm
APPROXIMATE WEIGHT	3.7 kg/km
TRANSMISSION LOSS @650nm	
UNDER 25°C 50% RH	max. 170 dB/km
UNDER OPERATIONAL TEMPERATURE	max. 190 dB/km
MIN BEND RADIUS	25mm
TENSILE STRENGTH	min. 70 N
IMPACT ENDURANCE	min. 0.4 Nm
TWISTING ENDURANCE	min. 5 times
REPEATED BENDING ENDURANCE	min. 10000 times
STORAGE TEMPERATURE	-55°C to +85°C
OPERATION TEMPERATURE	-55°C to +85°C
OPERATION TEMPERATURE UNDER 95% RH	max. +75°C

NOTE:  
1. PACKAGING: 500M REEL.

ENTER DESCRIPTION EC NO: MF2015-0572 DRWN: SBOJANIC 2015/03/25 CHKD: APPR: IGUMIN 2015/04/02	REV DESCRIPTION A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
		▽=0	mm INCH	MM ONLY	---	METRIC	⊙ □	
		∇=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	POF SIMPLEX CABLE, 2.2MM, PE, BLACK, 500M <b>molex</b>		
			3 PLACES ± --- ± ---	SBOJANIC 2015/03/25	CHECKED BY DATE			
	2 PLACES ± --- ± ---	APPROVED BY DATE	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
	1 PLACE ± --- ± ---	IGUMIN 2015/04/02	1062088605	SD-106208-8605	1 OF 1			
	0 PLACE ± --- ± ---	ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
		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, PE, BLACK, 500M REEL



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		▽=0	mm INCH	MM ONLY	---	METRIC		
		∇=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE POF SIMPLEX CABLE, 2.2MM, PE, BLACK, 500M			
			3 PLACES ± --- ± ---	SBOJANIC 2015/03/25				
			2 PLACES ± --- ± ---	CHECKED BY DATE	DOCUMENT NO. SD-106208-8605 SHEET NO. 1 OF 1			
	1 PLACE ± --- ± ---	IGUMIN 2015/04/02						
	0 PLACE ± --- ± ---	APPROVED BY DATE	MATERIAL NO. 1062088605					
	ANGULAR ±1/2°	IGUMIN 2015/04/02						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
A			A3	moLEX				