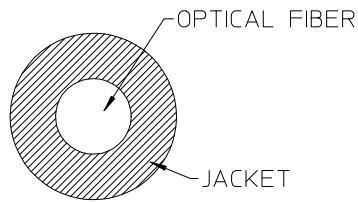


DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, CPE, BLACK, 100M REEL

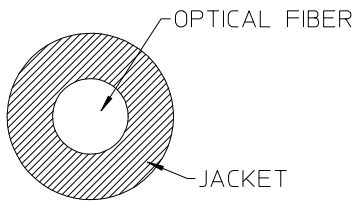


CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
CORE REFRACTIVE INDEX	1.49
REFRACTIVE INDEX PROFILE	STEP INDEX
CORE DIAMETER	980±60 μm
CLADDING DIAMETER	1000±60 μm
JACKET MATERIAL	CHLORINATED POLYETHYLENE (CPE)
JACKET COLOR	BLACK
JACKET DIAMETER	2.2±0.07 mm
APPROXIMATE WEIGHT	5.6 kg/km
TRANSMISSION LOSS @650nm UNDER 25°C 50% RH UNDER OPERATION TEMPERATURE	max. 170 dB/km 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
FIRE RATING	UL1581 VW1, Style No. 5310

NOTE:  
1. PACKAGING: 100M 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	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		▽=0	mm INCH	MM ONLY	---	METRIC	
		∇=0	4 PLACES ± --- ± ---	DRAWN BY DATE	TITLE	POF SIMPLEX CABLE, 2.2MM, CPE, BLACK, 100M	
			3 PLACES ± --- ± ---	SBOJANIC 2015/03/25			
			2 PLACES ± --- ± ---	CHECKED BY DATE	APPROVED BY DATE	<b>molex</b>	
	1 PLACE ± --- ± ---		IGUMIN 2015/04/02				
	0 PLACE ± --- ± ---	ANGULAR ±1/2°	MATERIAL NO.	DOCUMENT NO.	SHEET NO.		
A		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	1062088801	SD-106208-8801	1 OF 1		
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

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	1 PLACE ± --- ± ---		IGUMIN 2015/04/02				
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A		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	1062088801	SD-106208-8801	1 OF 1		
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			