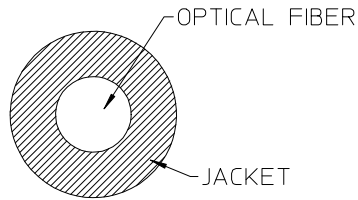


DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, PA, BLACK, 100M REEL



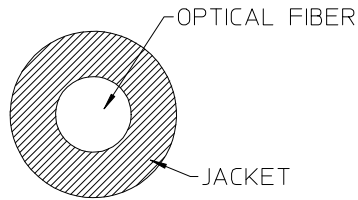
CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
CORE REFRACTIVE INDEX	1.49
REFRACTIVE INDEX PROFILE	STEP INDEX
CORE DIAMETER	980±60 μm
CLADDING DIAMETER	1000±60 μm
JACKET MATERIAL	POLYAMIDE (PA)
JACKET COLOR	BLACK
JACKET DIAMETER	2.2±0.07 mm
APPROXIMATE WEIGHT	4.3 kg/km
TRANSMISSION LOSS @650nm	
UNDER 25°C 50% RH	max. 170 dB/km
UNDER OPERATION 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. 5000 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: 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 MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▽=0	mm	INCH	DRAWN BY	DATE	TITLE POF SIMPLEX CABLE, 2.2MM, PA, BLACK, 100M			
		◻=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	SBOJANIC	2015/03/25				
			2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	CHECKED BY	DATE	DOCUMENT NO. SD-106208-8501			
			0 PLACE ± --- ± ---	0 PLACE ± --- ± ---	APPROVED BY	DATE				
		ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 1062088501	SHEET NO. 1 OF 1				

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

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



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1. PACKAGING: 100M REEL.

ENTER DESCRIPTION EC NO: MF2015-0572 DRWN: SBOJANIC 2015/03/25 CHKD: APPR: IGUMIN 2015/04/02	REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▽=0	mm	INCH	DRAWN BY	DATE	TITLE POF SIMPLEX CABLE, 2.2MM, PA, BLACK, 100M			
		∇=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	SBOJANIC	2015/03/25				
			2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	CHECKED BY	DATE	DOCUMENT NO. SD-106208-8501			
			0 PLACE ± --- ± ---	0 PLACE ± --- ± ---	APPROVED BY	DATE				
		ANGULAR ±1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. 1062088501	SHEET NO. 1 OF 1				

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