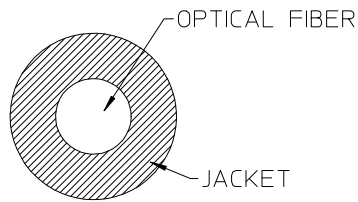


DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, PA, BLACK, 500M REEL

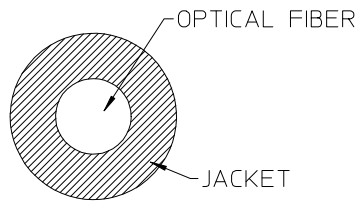


CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
CORE REFRACTIVE INDEX	1.49
REFRACTIVE INDEX PROFILE	STEP INDEX
CORE DIAMETER	980±60 μm
CLADDING DIAMETER	1000±60 μm
JACKET MATERIAL	POLYAMIDE (PA)
JACKET COLOR	BLACK
JACKET DIAMETER	2.2±0.07 mm
APPROXIMATE 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	max. 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: 500M REEL.

ENTER DESCRIPTION EC NO: MF2015-0572 DRWN: SBOJANIC 2015/03/25 CHKD: APPR: IGUMIN 2015/04/02 REV A	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, PA, BLACK, 500M			
	∇=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY	DATE	APPROVED BY IGUMIN 2015/04/02			
		2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	MATERIAL NO. 1062088505		DOCUMENT NO. SD-106208-8505		SHEET NO. 1 OF 1	
		0 PLACE ± --- ± ---	ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, PA, 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	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	max. 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: 500M 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 SBOJANIC	DATE 2015/03/25	TITLE POF SIMPLEX CABLE, 2.2MM, PA, BLACK, 500M			
		∇=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY	DATE				
			2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	APPROVED BY IGUMIN	DATE 2015/04/02				
			0 PLACE ± --- ± ---	MATERIAL NO. 1062088505						
		ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								