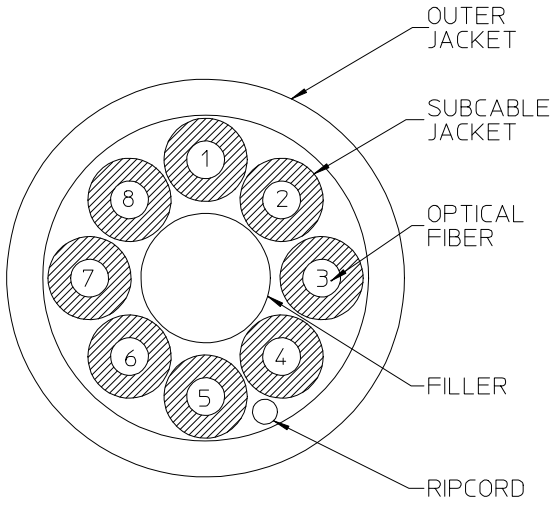


COLOR CODING	
1	RED
2	GREEN
3	BLUE
4	YELLOW
5	WHITE
6	GRAY
7	BROWN
8	VIOLET

DESCRIPTION: POF 8-FIBER CABLE, P980/1000, Ø10MM, PVC, BLACK, 100M



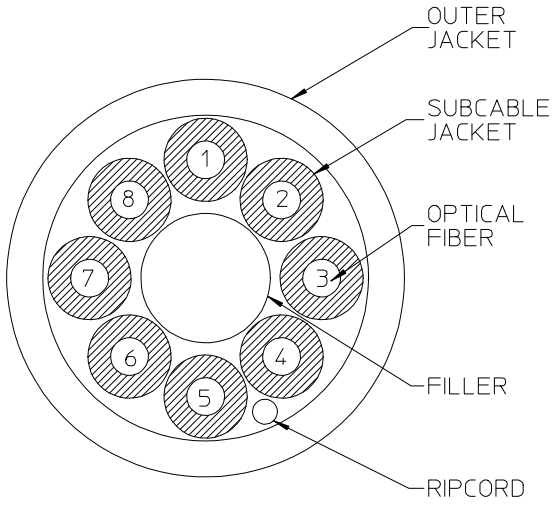
CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
REFRACTIVE INDEX PROFILE	STEP INDEX
NUMBER OF FIBERS	8
CORE DIAMETER (TYPICAL)	980±60 µm
CLADDING DIAMETER (TYPICAL)	1000±60 µm
SUBCABLE JACKET MATERIAL	PVC
SUBCABLE JACKET COLOR	RED, GREEN, BLUE, YELLOW, WHITE, GRAY, BROWN, VIOLET
SUBCABLE JACKET DIAMETER	2.2±0.07 mm
OUTER JACKET MATERIAL	PVC
OUTER JACKET COLOR	BLACK
OUTER JACKET DIAMETER	10.0±0.3 mm
STRANDING COVERING	8 POF AROUND CENTRAL FILLER (Ø3.5mm, WHITE) PLASTIC TAPE WITH UNDERLYING RIPCORD
APPROXIMATE WEIGHT	102 kg/km
TRANSMISSION LOSS (20°C) @650nm	nom. 200 dB/km max. 10 dB/19.5m min. 10 MHz x 100m
BANDWIDTH	7.5 X cable diameter
MINIMUM BEND RADIUS (CABLE)	22mm
MINIMUM BEND RADIUS (INDIVIDUAL FIBRE ELEMENTS)	max. 100 N
TENSILE STRENGTH	max. 100 N/cm
CRUSH STRENGTH	ACC. TO IEC 60332-1-2
FIRE RESISTANCE	GOOD
OIL RESISTANCE	
STORAGE TEMPERATURE	-40°C to +70°C
OPERATION TEMPERATURE	-40°C to +70°C
INSTALLATION TEMPERATURE	+5°C to +70°C
STANDARDISATION	CATEGORY A4a, acc. IEC-60793-2-40

NOTE:
1. PACKAGING: 100M REEL.

ENTER DESCRIPTION EC NO: MF2015-0582 DRWN: SBOJANIC 2015/03/31 CHKD: APPR: IGUMIN 2015/07/14 REV A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
		mm	INCH	DRAWN BY SBOJANIC	DATE 2015/03/31	TITLE POF 8-FIBER CABLE, 10MM, PVC, BLACK, 100M						
		4 PLACES	± ---	± ---	CHECKED BY	DATE						
		3 PLACES	± ---	± ---	APPROVED BY IGUMIN							DATE 2015/07/14
		2 PLACES	± ---	± ---	MATERIAL NO. 1062083011							DOCUMENT NO. SD-106208-3011
1 PLACE		± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								
0 PLACE	± ---	± ---	SIZE A3 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

COLOR CODING	
1	RED
2	GREEN
3	BLUE
4	YELLOW
5	WHITE
6	GRAY
7	BROWN
8	VIOLET

DESCRIPTION: POF 8-FIBER CABLE, P980/1000, Ø10MM, PVC, BLACK, 100M



CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
REFRACTIVE INDEX PROFILE	STEP INDEX
NUMBER OF FIBERS	8
CORE DIAMETER (TYPICAL)	980±60 µm
CLADDING DIAMETER (TYPICAL)	1000±60 µm
SUBCABLE JACKET MATERIAL	PVC
SUBCABLE JACKET COLOR	RED, GREEN, BLUE, YELLOW, WHITE, GRAY, BROWN, VIOLET
SUBCABLE JACKET DIAMETER	2.2±0.07 mm
OUTER JACKET MATERIAL	PVC
OUTER JACKET COLOR	BLACK
OUTER JACKET DIAMETER	10.0±0.3 mm
STRANDING COVERING	8 POF AROUND CENTRAL FILLER (Ø3.5mm, WHITE) PLASTIC TAPE WITH UNDERLYING RIPCORD
APPROXIMATE WEIGHT	102 kg/km
TRANSMISSION LOSS (20°C) @650nm	nom. 200 dB/km max. 10 dB/19.5m min. 10 MHz x 100m
BANDWIDTH	7.5 X cable diameter
MINIMUM BEND RADIUS (CABLE)	22mm
MINIMUM BEND RADIUS (INDIVIDUAL FIBRE ELEMENTS)	max. 100 N
TENSILE STRENGTH	max. 100 N/cm
CRUSH STRENGTH	ACC. TO IEC 60332-1-2
FIRE RESISTANCE	GOOD
OIL RESISTANCE	
STORAGE TEMPERATURE	-40°C to +70°C
OPERATION TEMPERATURE	-40°C to +70°C
INSTALLATION TEMPERATURE	+5°C to +70°C
STANDARDISATION	CATEGORY A4a, acc. IEC-60793-2-40

NOTE:
1. PACKAGING: 100M REEL.

ENTER DESCRIPTION EC NO: MF2015-0582 DRWN: SBOJANIC 2015/03/31 CHKD: APPR: IGUMIN 2015/07/14 REV A	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>± ---</td><td>± ---</td></tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	DIMENSION STYLE MM ONLY DRAWN BY: SBOJANIC DATE: 2015/03/31 CHECKED BY: DATE: APPROVED BY: IGUMIN DATE: 2015/07/14	SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE POF 8-FIBER CABLE, 10MM, PVC, BLACK, 100M molex
		mm	INCH																				
	4 PLACES	± ---	± ---																				
	3 PLACES	± ---	± ---																				
	2 PLACES	± ---	± ---																				
1 PLACE	± ---	± ---																					
0 PLACE	± ---	± ---																					
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 1062083011	DOCUMENT NO. SD-106208-3011	SHEET NO. 1 OF 1																				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							