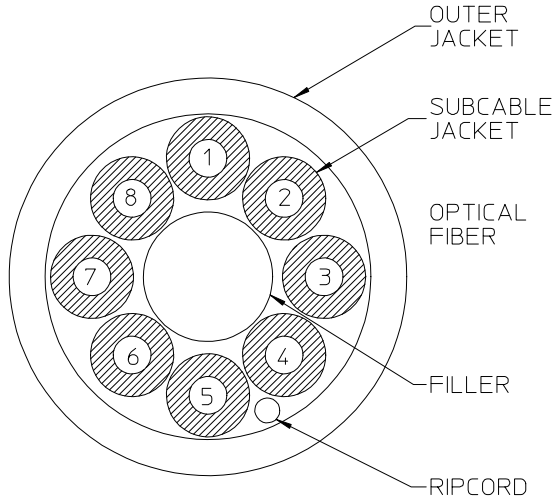


10 9 8 7 6 5 4 3 2 1

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, PUR, BLACK, 100M



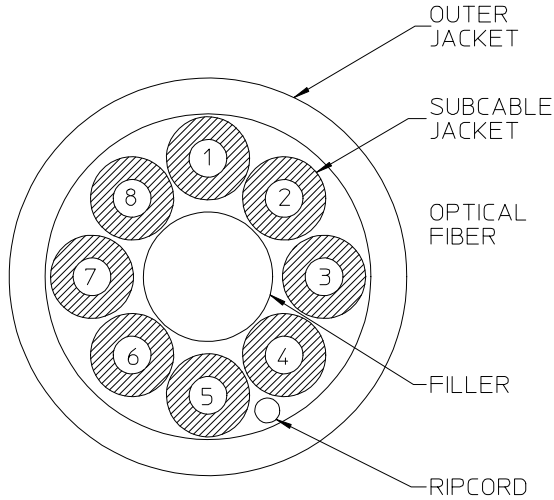
CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
REFRACTIVE INDEX PROFILE	STEP INDEX
NUMBER OF FIBERS	8
CORE DIAMETER (TYPICAL)	980±60 µm
CLADDING DIAMETER (TYPICAL)	1000±60 µm
SUBCABLE JACKET MATERIAL	POLYETHYLENE (PE)
SUBCABLE JACKET COLOR	RED, GREEN, BLUE, YELLOW, WHITE, GRAY, BROWN, VIOLET
SUBCABLE JACKET DIAMETER	2.2±0.07 mm
OUTER JACKET MATERIAL	THERMOPLASTIC POLYURETHANE (PUR), HALOGEN FREE
OUTER JACKET COLOR	BLACK
OUTER JACKET DIAMETER	10.0±0.3 mm
STRANDING	8 POF ELEMENTS STRANDED OVER CENTRAL FILLER (Ø3.5mm)
COVERING	PLASTIC TAPE WITH UNDERLYING RIPCORD
APPROXIMATE WEIGHT	81 kg/km
TRANSMISSION LOSS (20°C) @650nm	nom. 200 dB/km max. 10 dB/19.5m min. 10 MHz x 100m
BANDWIDTH	approx. 7.5 X cable diameter
MINIMUM BEND RADIUS (CABLE)	max. 100 N in operation
PULLING FORCE	max. 100 N/cm
CRUSH STRENGTH	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 2015/03/30 CHKD: APPR: IGUMIN 2015/07/14 A	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm	INCH	DRAWN BY	DATE	TITLE			
		±---	±---	SBOJANIC	2015/03/30	POF 8-FIBER CABLE, 10MM, PUR, BLACK, 100M			
		±---	±---	CHECKED BY	DATE	molex DOCUMENT NO. SD-106208-3031 SHEET NO. 1 OF 1			
		±---	±---	APPROVED BY	DATE				
±---	±---	IGUMIN	2015/07/14	MATERIAL NO. 1062083031					
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							

COLOR CODING	
1	RED
2	GREEN
3	BLUE
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5	WHITE
6	GRAY
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8	VIOLET

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



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CLADDING MATERIAL	FLUORINATED POLYMER
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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 2015/03/30 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 CHECKED BY: APPROVED BY: IGUMIN DATE: 2015/03/30 DATE: 2015/07/14	SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE POF 8-FIBER CABLE, 10MM, PUR, BLACK, 100M molex
		mm	INCH																				
	4 PLACES	± ---	± ---																				
	3 PLACES	± ---	± ---																				
2 PLACES	± ---	± ---																					
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0 PLACE	± ---	± ---																					
ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 1062083031	DOCUMENT NO. SD-106208-3031	SHEET NO. 1 OF 1																				
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
SIZE A3																							