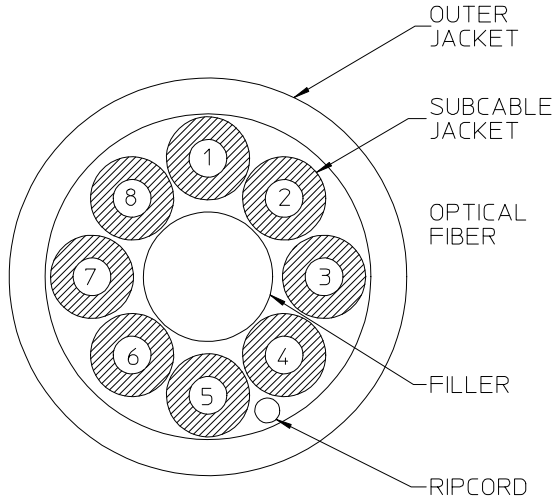


COLOR CODING	
1	RED
2	GREEN
3	BLUE
4	YELLOW
5	WHITE
6	GRAY
7	BROWN
8	VIOLET

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



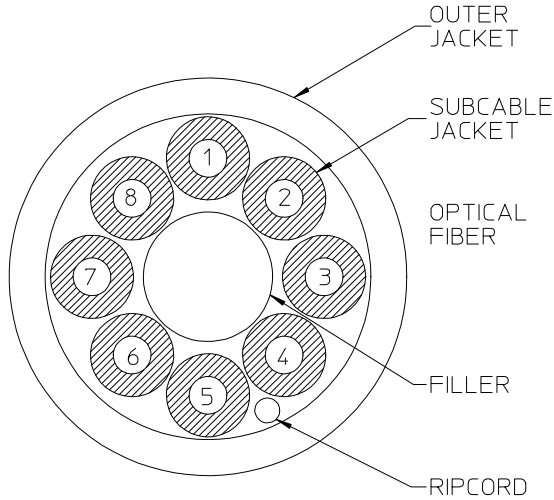
CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
REFRACTIVE INDEX PROFILE	STEP INDEX
NUMBER OF FIBERS	8
CORE DIAMETER (TYPICAL)	980±60 µm
CLADDING DIAMETER (TYPICAL)	1000±60 µm
SUBCABLE JACKET MATERIAL	POLYETHYLENE (PE)
SUBCABLE JACKET COLOR	RED, 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	min. 10 MHz x 100m
MINIMUM BEND RADIUS (CABLE)	approx. 7.5 X cable diameter
PULLING FORCE	max. 100 N in operation
CRUSH STRENGTH	max. 100 N/cm
OIL RESISTANCE	GOOD
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 REV A	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		mm	INCH	DRAWN BY SBOJANIC	DATE 2015/03/30	TITLE POF 8-FIBER CABLE, 10MM, PUR, BLACK, 100M				
		4 PLACES	± ---	± ---	CHECKED BY	DATE	molex DOCUMENT NO. SD-106208-3031 SHEET NO. 1 OF 1			
		3 PLACES	± ---	± ---	APPROVED BY IGUMIN	DATE 2015/07/14				
2 PLACES	± ---	± ---	MATERIAL NO. 1062083031							
1 PLACE	± ---	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
0 PLACE	± ---	± ---								

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 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	▽=0 ∇=0	mm INCH	MM ONLY	---	METRIC		
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	DRAWN BY DATE SBOJANIC 2015/03/30 CHECKED BY DATE	TITLE	POF 8-FIBER CABLE, 10MM, PUR, BLACK, 100M		
		ANGULAR ±1/2°	APPROVED BY DATE IGUMIN 2015/07/14	MATERIAL NO.	DOCUMENT NO.	SHEET NO.	
A		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	1062083031	SD-106208-3031	1 OF 1		
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			