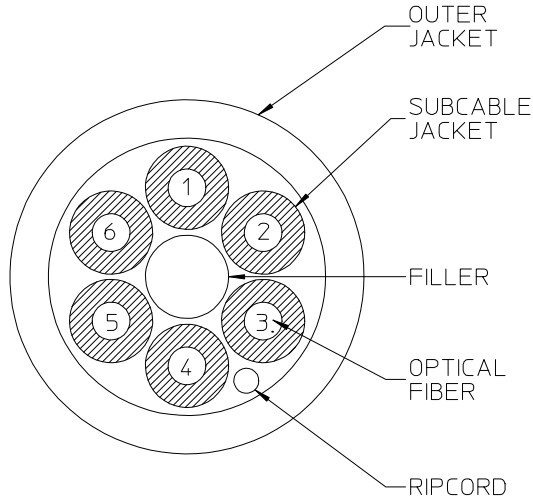


COLOR CODING	
1	RED
2	GREEN
3	BLUE
4	YELLOW
5	WHITE
6	GRAY

DESCRIPTION: POF 6-FIBER CABLE, P980/1000, Ø8.8MM, PUR, BLACK, 100M



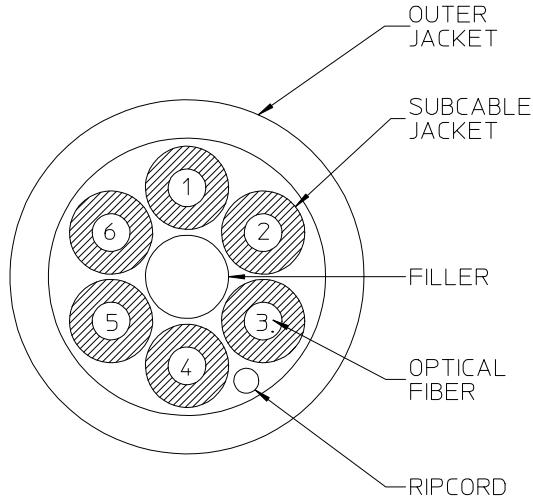
CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
REFRACTIVE INDEX PROFILE	STEP INDEX
NUMBER OF FIBERS	6
CORE DIAMETER (TYPICAL)	980±60 µm
CLADDING DIAMETER (TYPICAL)	1000±60 µm
SUBCABLE JACKET MATERIAL	POLYETHYLENE (PE)
SUBCABLE JACKET COLOR	RED, GREEN, BLUE, YELLOW, WHITE, GRAY
SUBCABLE JACKET DIAMETER	2.2±0.07 mm
OUTER JACKET MATERIAL	THERMOPLASTIC POLYURETHANE (PUR), HALOGEN FREE
OUTER JACKET COLOR	BLACK
OUTER JACKET DIAMETER	8.8±0.3 mm
STRANDING COVERING	6 POF ELEMENTS STRANDED OVER CENTRAL FILLER (Ø2.2mm) PLASTIC TAPE WITH UNDERLYING RIPCORD
APPROXIMATE WEIGHT	66 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) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: SBOJANIC DATE: 2015/03/30 CHECKED BY: DATE: APPROVED BY: IGUMIN DATE: 2015/07/14	SCALE --- DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE POF 6-FIBER CABLE, 8.8MM, PUR, BLACK, 100M molex
	MATERIAL NO. 1062083021	DOCUMENT NO. SD-106208-3021	SHEET NO. 1 OF 1		
	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

DESCRIPTION: POF 6-FIBER CABLE, P980/1000, Ø8.8MM, PUR, BLACK, 100M



CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
REFRACTIVE INDEX PROFILE	STEP INDEX
NUMBER OF FIBERS	6
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
SUBCABLE JACKET DIAMETER	2.2±0.07 mm
OUTER JACKET MATERIAL	THERMOPLASTIC POLYURETHANE (PUR), HALOGEN FREE
OUTER JACKET COLOR	BLACK
OUTER JACKET DIAMETER	8.8±0.3 mm
STRANDING COVERING	6 POF ELEMENTS STRANDED OVER CENTRAL FILLER (Ø2.2mm) PLASTIC TAPE WITH UNDERLYING RIPCORD
APPROXIMATE WEIGHT	66 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
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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	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 6-FIBER CABLE, 8.8MM, PUR, BLACK, 100M			
A	REV	4 PLACES	± ---	± ---	CHECKED BY	DATE	molex		
		3 PLACES	± ---	± ---	APPROVED BY	DATE			
		2 PLACES	± ---	± ---	IGUMIN	2015/07/14	DOCUMENT NO. SD-106208-3021		SHEET NO. 1 OF 1
		1 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		0 PLACE	± ---	± ---					
		ANGULAR ±1/2°		MATERIAL NO. 1062083021					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3					