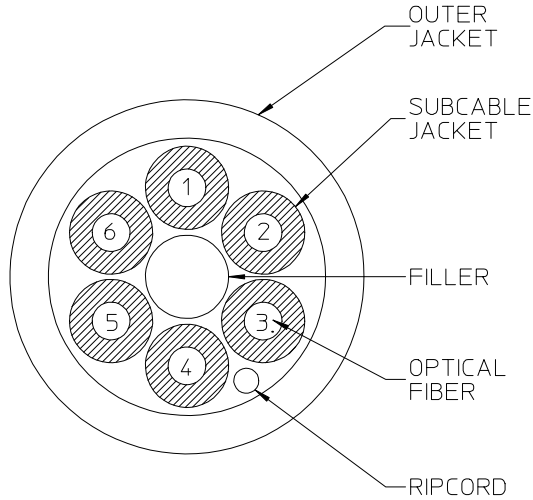


COLOR CODING	
1	RED
2	GREEN
3	BLUE
4	YELLOW
5	WHITE
6	GRAY

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



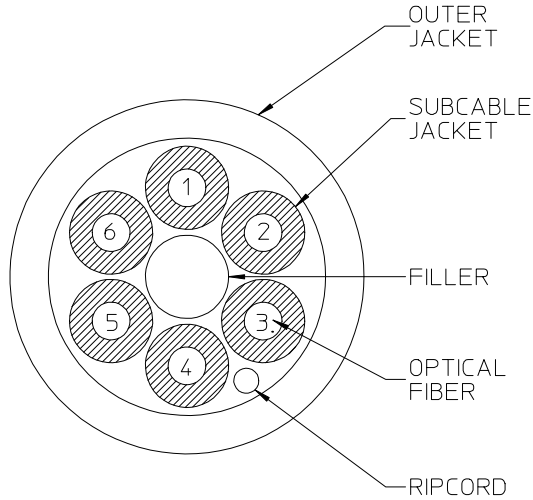
CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
REFRACTIVE INDEX PROFILE	STEP INDEX
NUMBER OF FIBERS	6
CORE DIAMETER (TYPICAL)	980±60 µm
CLADDING DIAMETER (TYPICAL)	1000±60 µm
SUBCABLE JACKET MATERIAL	POLYETHYLENE (PE)
SUBCABLE JACKET COLOR	RED, 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	6 POF ELEMENTS STRANDED OVER CENTRAL FILLER (Ø2.2mm)
COVERING	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.

<b>ENTER DESCRIPTION</b> 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 <b>MM ONLY</b> 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 <b>molex</b> 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				
	SIZE A3				
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