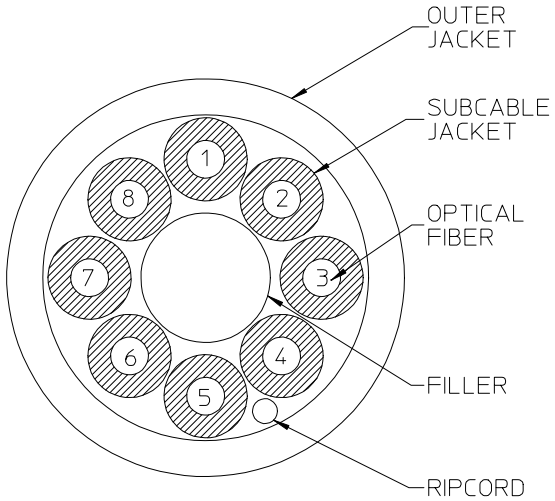


10 9 8 7 6 5 4 3 2 1

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, PVC, BLACK, 500M



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 22mm
MINIMUM BEND RADIUS (CABLE)	max. 100 N
MINIMUM BEND RADIUS (INDIVIDUAL FIBRE ELEMENTS)	max. 100 N/cm
TENSILE STRENGTH	ACC. TO IEC 60332-1-2
CRUSH STRENGTH	GOOD
FIRE RESISTANCE	
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: 500M REEL.

ENTER DESCRIPTION EC NO: MF2015-0582 DRWN: SBOJANIC 2015/07/07 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
		4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	mm INCH DRAWN BY SBOJANIC DATE 2015/07/07 CHECKED BY DATE	TITLE POF 8-FIBER CABLE, 10MM, PVC, BLACK, 500M				
		ANGULAR ±1/2°	APPROVED BY IGUMIN DATE 2015/07/14	molex				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. 1062083015	DOCUMENT NO. SD-106208-3015	SHEET NO. 1 OF 1			
			SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				