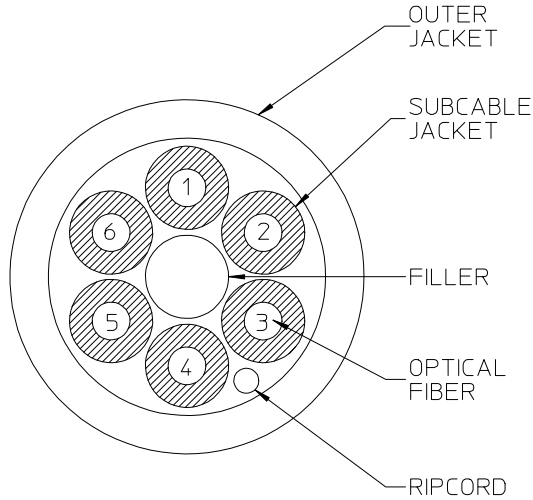


COLOR CODING	
1	RED
2	GREEN
3	BLUE
4	YELLOW
5	WHITE
6	GRAY

DESCRIPTION: POF 6-FIBER CABLE, P980/1000,  $\phi$ 8.8MM, PVC, BLACK, 500M REEL



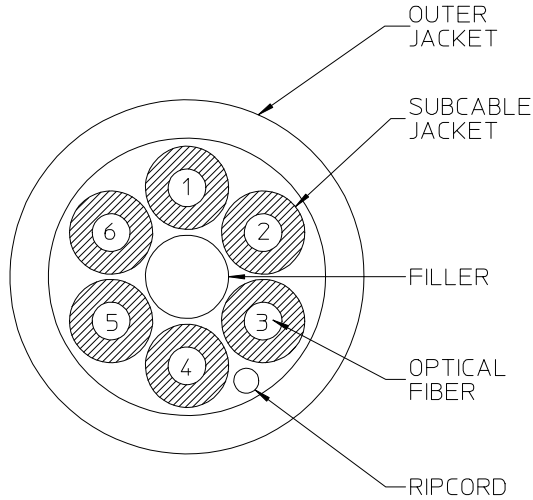
CORE MATERIAL	POLYMETHYL METHACRYLATE (PMMA)
CLADDING MATERIAL	FLUORINATED POLYMER
NUMERICAL APERTURE	0.5
REFRACTIVE INDEX PROFILE	STEP INDEX
NUMBER OF FIBERS	6
CORE DIAMETER (TYPICAL)	980 $\pm$ 60 $\mu$ m
CLADDING DIAMETER (TYPICAL)	1000 $\pm$ 60 $\mu$ m
SUBCABLE JACKET MATERIAL	PVC
SUBCABLE JACKET COLOR	RED, GREEN, BLUE, YELLOW, WHITE, GRAY
SUBCABLE JACKET DIAMETER	2.2 $\pm$ 0.07 mm
OUTER JACKET MATERIAL	PVC
OUTER JACKET COLOR	BLACK
OUTER JACKET DIAMETER	8.8 $\pm$ 0.3 mm
STRANDING COVERING	6 POF ELEMENTS STRANDED OVER CENTRAL FILLER ( $\phi$ 2.2mm, WHITE) PLASTIC TAPE WITH UNDERLYING RIPCORD
APPROXIMATE WEIGHT	82 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: 500M REEL.

ENTER DESCRIPTION EC NO: MF2015-0582 DRWN: SBOJANIC 2015/07/07 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 2015/07/07	TITLE POF 6-FIBER CABLE, 8.8MM, PVC, BLACK, 500M	
A	REV	4 PLACES	± ---	± ---	CHECKED BY	DATE	molex
		3 PLACES	± ---	± ---	APPROVED BY IGUMIN	DATE 2015/07/14	
		2 PLACES	± ---	± ---	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
		1 PLACE	± ---	± ---	1062083005	SD-106208-3005	1 OF 1
		0 PLACE	± ---	± ---	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
		ANGULAR $\pm$ 1/2°					
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

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

DESCRIPTION: POF 6-FIBER CABLE, P980/1000,  $\phi$ 8.8MM, PVC, BLACK, 500M REEL



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 $\pm$ 60 $\mu$ m
CLADDING DIAMETER (TYPICAL)	1000 $\pm$ 60 $\mu$ m
SUBCABLE JACKET MATERIAL	PVC
SUBCABLE JACKET COLOR	RED, GREEN, BLUE, YELLOW, WHITE, GRAY
SUBCABLE JACKET DIAMETER	2.2 $\pm$ 0.07 mm
OUTER JACKET MATERIAL	PVC
OUTER JACKET COLOR	BLACK
OUTER JACKET DIAMETER	8.8 $\pm$ 0.3 mm
STRANDING COVERING	6 POF ELEMENTS STRANDED OVER CENTRAL FILLER ( $\phi$ 2.2mm, WHITE) PLASTIC TAPE WITH UNDERLYING RIPCORD
APPROXIMATE WEIGHT	82 kg/km
TRANSMISSION LOSS (20°C) @650nm	nom. 200 dB/km max. 10 dB/19.5m min. 10 MHz x 100m
BANDWIDTH	
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: 500M REEL.

ENTER DESCRIPTION EC NO: MF2015-0582 DRWN: SBOJANIC 2015/07/07 CHKD: APPR: IGUMIN 2015/07/14	DESCRIPTION REV	QUALITY SYMBOLS	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><math>\pm</math>---</td> <td><math>\pm</math>---</td> </tr> <tr> <td>3 PLACES</td> <td><math>\pm</math>---</td> <td><math>\pm</math>---</td> </tr> <tr> <td>2 PLACES</td> <td><math>\pm</math>---</td> <td><math>\pm</math>---</td> </tr> <tr> <td>1 PLACE</td> <td><math>\pm</math>---</td> <td><math>\pm</math>---</td> </tr> <tr> <td>0 PLACE</td> <td><math>\pm</math>---</td> <td><math>\pm</math>---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	$\pm$ ---	$\pm$ ---	3 PLACES	$\pm$ ---	$\pm$ ---	2 PLACES	$\pm$ ---	$\pm$ ---	1 PLACE	$\pm$ ---	$\pm$ ---	0 PLACE	$\pm$ ---	$\pm$ ---	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
				mm	INCH																				
		4 PLACES		$\pm$ ---	$\pm$ ---																				
		3 PLACES		$\pm$ ---	$\pm$ ---																				
		2 PLACES		$\pm$ ---	$\pm$ ---																				
1 PLACE	$\pm$ ---	$\pm$ ---																							
0 PLACE	$\pm$ ---	$\pm$ ---																							
			MM ONLY	---	METRIC																				
			DRAWN BY: SBOJANIC	DATE: 2015/07/07	TITLE POF 6-FIBER CABLE, 8.8MM, PVC, BLACK, 500M																				
			CHECKED BY:	DATE:																					
			APPROVED BY: IGUMIN	DATE: 2015/07/14	 DOCUMENT NO. SD-106208-3005 SHEET NO. 1 OF 1																				
			MATERIAL NO. 1062083005																						
			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																						