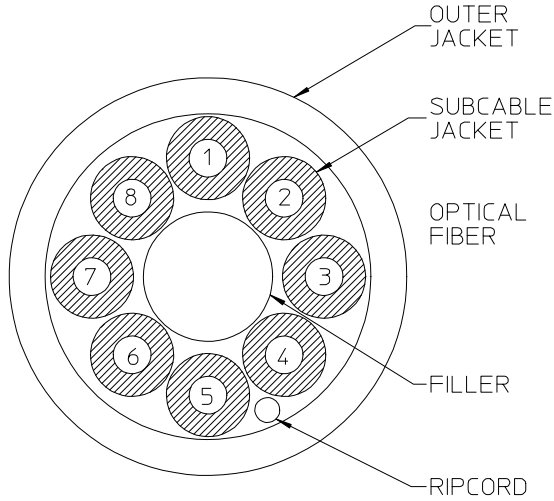


10 9 8 7 6 5 4 3 2 1

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, PUR, 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	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: 500M REEL.

<b>ENTER DESCRIPTION</b> EC NO: MF2015-0582 DRWN: SBOJANIC 2015/07/07 CHKD: APPR: IGUMIN 2015/07/14 REV A	<b>QUALITY SYMBOLS</b> ▽=0 ◻=0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>± ---</td><td>± ---</td></tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± ---	± ---	1 PLACE	± ---	± ---	0 PLACE	± ---	± ---	<b>DIMENSION STYLE</b> <b>MM ONLY</b>	<b>SCALE</b> ---	<b>DESIGN UNITS</b> METRIC	<b>THIRD ANGLE PROJECTION</b>
		mm	INCH																					
	4 PLACES	± ---	± ---																					
	3 PLACES	± ---	± ---																					
	2 PLACES	± ---	± ---																					
1 PLACE	± ---	± ---																						
0 PLACE	± ---	± ---																						
<b>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</b>	<table border="1"> <thead> <tr> <th>DRAWN BY</th> <th>DATE</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>SBOJANIC</td> <td>2015/07/07</td> <td>POF 8-FIBER CABLE, 10MM, PUR, BLACK, 500M</td> </tr> <tr> <th>CHECKED BY</th> <th>DATE</th> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> <tr> <th>APPROVED BY</th> <th>DATE</th> <td></td> </tr> <tr> <td>IGUMIN</td> <td>2015/07/14</td> <td></td> </tr> </tbody> </table>	DRAWN BY	DATE	TITLE	SBOJANIC	2015/07/07	POF 8-FIBER CABLE, 10MM, PUR, BLACK, 500M	CHECKED BY	DATE					APPROVED BY	DATE		IGUMIN	2015/07/14		<table border="1"> <tr> <td><b>MATERIAL NO.</b> 1062083035</td> <td><b>DOCUMENT NO.</b> SD-106208-3035</td> <td><b>SHEET NO.</b> 1 OF 1</td> </tr> </table>	<b>MATERIAL NO.</b> 1062083035	<b>DOCUMENT NO.</b> SD-106208-3035	<b>SHEET NO.</b> 1 OF 1	
DRAWN BY	DATE	TITLE																						
SBOJANIC	2015/07/07	POF 8-FIBER CABLE, 10MM, PUR, BLACK, 500M																						
CHECKED BY	DATE																							
APPROVED BY	DATE																							
IGUMIN	2015/07/14																							
<b>MATERIAL NO.</b> 1062083035	<b>DOCUMENT NO.</b> SD-106208-3035	<b>SHEET NO.</b> 1 OF 1																						
			<b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b>																					