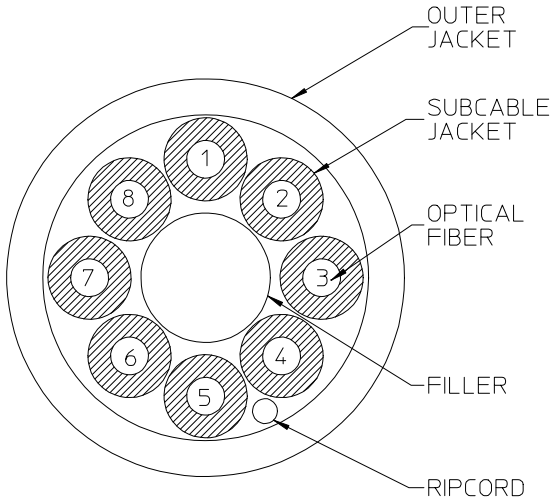


10 9 8 7 6 5 4 3 2 1

| 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 | |
| | | mm | INCH | DRAWN BY | DATE | TITLE | | | |
| | | ± --- | ± --- | SBOJANIC | 2015/07/07 | POF 8-FIBER CABLE, 10MM, PVC, BLACK, 500M | | | |
| | | ± --- | ± --- | CHECKED BY | DATE | molex MATERIAL NO. 1062083015 DOCUMENT NO. SD-106208-3015 SHEET NO. 1 OF 1 | | | |
| | | ± --- | ± --- | APPROVED BY | DATE | | | | |
| ± --- | ± --- | IGUMIN | 2015/07/14 | 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 | | | | | | | |