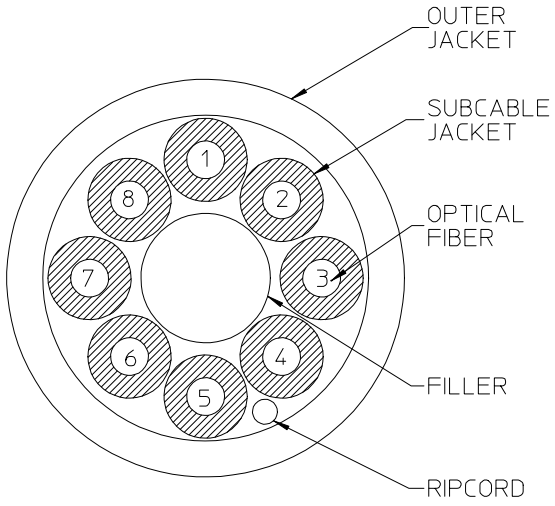


| COLOR CODING | |
|--------------|--------|
| 1 | RED |
| 2 | GREEN |
| 3 | BLUE |
| 4 | YELLOW |
| 5 | WHITE |
| 6 | GRAY |
| 7 | BROWN |
| 8 | VIOLET |

DESCRIPTION: POF 8-FIBER CABLE, P980/1000, Ø10MM, PVC, BLACK, 100M



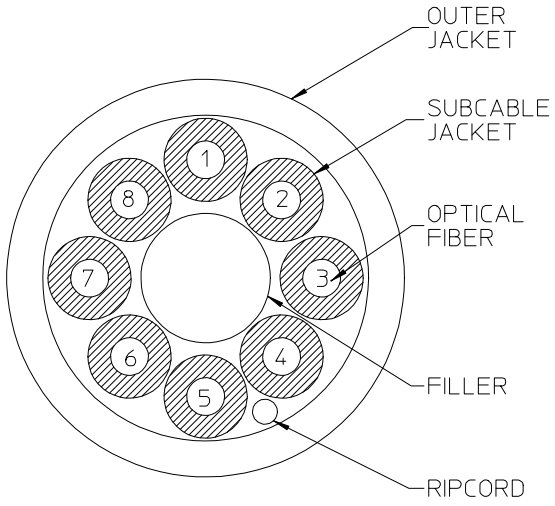
| | |
|---|---|
| CORE MATERIAL | POLYMETHYL METHACRYLATE (PMMA) |
| CLADDING MATERIAL | FLUORINATED POLYMER |
| NUMERICAL APERTURE | 0.5 |
| REFRACTIVE INDEX PROFILE | STEP INDEX |
| NUMBER OF FIBERS | 8 |
| CORE DIAMETER (TYPICAL) | 980±60 µm |
| CLADDING DIAMETER (TYPICAL) | 1000±60 µm |
| SUBCABLE 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 | |
| MINIMUM BEND RADIUS (CABLE) | 7.5 X cable diameter |
| MINIMUM BEND RADIUS (INDIVIDUAL FIBRE ELEMENTS) | 22mm |
| TENSILE STRENGTH | max. 100 N |
| CRUSH STRENGTH | max. 100 N/cm |
| FIRE RESISTANCE | ACC. TO IEC 60332-1-2 |
| 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.

| | | | | | | |
|--|---------------------|--|---------------------|---|----------------|---|
| ENTER DESCRIPTION EC NO: MF2015-0582 DRWN: SBOJANIC 2015/03/31 CHKD: APPR: IGUMIN 2015/07/14 REV A | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▽=0 ∇=0 | mm INCH | MM ONLY | --- | METRIC | |
| | | 4 PLACES ± --- ± --- | DRAWN BY DATE | | | POF 8-FIBER CABLE, 10MM, PVC, BLACK, 100M molex |
| | | 3 PLACES ± --- ± --- | SBOJANIC 2015/03/31 | | | |
| | | 2 PLACES ± --- ± --- | CHECKED BY DATE | | | |
| | 1 PLACE ± --- ± --- | APPROVED BY DATE | | | | |
| | 0 PLACE ± --- ± --- | IGUMIN 2015/07/14 | | | | |
| | | ANGULAR ±1/2° | MATERIAL NO. | | DOCUMENT NO. | SHEET NO. |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | 1062083011 | | SD-106208-3011 | 1 OF 1 |
| | | | SIZE A3 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | |

| COLOR CODING | |
|--------------|--------|
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| 4 | YELLOW |
| 5 | WHITE |
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DESCRIPTION: POF 8-FIBER CABLE, P980/1000, Ø10MM, PVC, BLACK, 100M



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

| | | | | | | |
|--|-----------------|---|-----------------|------------|----------------|---|
| ENTER DESCRIPTION EC NO: MF2015-0582 DRWN: SBOJANIC 2015/03/31 CHKD: APPR: IGUMIN 2015/07/14 REV A | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION STYLE | SCALE | DESIGN UNITS | THIRD ANGLE PROJECTION |
| | ▼=0 □=0 | mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- | MM ONLY | --- | METRIC | |
| | DESCRIPTION | ANGULAR ±1/2° | DRAWN BY | DATE | TITLE | POF 8-FIBER CABLE, 10MM, PVC, BLACK, 100M molex |
| | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | SBOJANIC | 2015/03/31 | CHECKED BY | |
| | | | APPROVED BY | DATE | MATERIAL NO. | DOCUMENT NO. |
| | | IGUMIN | 2015/07/14 | 1062083011 | SD-106208-3011 | 1 OF 1 |