

DESCRIPTION: CABLE POF 1MM, SIMPLEX 2.2MM, PVC, GRAY, 100M REEL

CORE MATERIAL POLYMETHYL METHACRYLATE (PMMA)
 CLADDING MATERIAL FLUORINATED POLYMER
 NUMERICAL APERTURE 0.485 ± 0.045
 REFRACTIVE INDEX PROFILE STEP INDEX

CORE DIAMETER 980±60 μm
 CLADDING DIAMETER 1000±60 μm

JACKET MATERIAL POLYVINYLCHLORIDE (PVC)
 JACKET COLOR GRAY
 JACKET DIAMETER 2.2±0.07 mm

APPROXIMATE WEIGHT 5.1 kg/km

TRANSMISSION LOSS (@20°C)
 @650nm < 160 dB/km
 @660nm < 230 dB/km
 BANDWIDTH @650nm > 40 MHz x 100 m

MIN BEND RADIUS
 SHORT TERM 25 mm
 LONG TERM 25 mm

MAX PULL FORCE
 SHORT TERM 15 N
 LONG TERM 5 N

MAX CRUSH RESISTANCE
 SHORT TERM 200 N/dm
 LONG TERM 30 N/dm

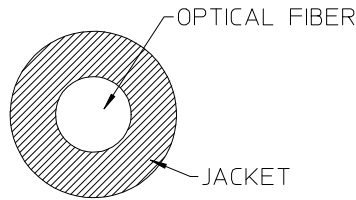
TRANSPORT AND STORAGE TEMPERATURE -40°C to +80°C
 INSTALLATION TEMPERATURE -5°C to +50°C
 OPERATION TEMPERATURE -40°C to +80°C

FIRE PERFORMANCE UL VW-1 RATED

CHEMICAL CHARACTERISTICS LIMITED RESISTANCE TO OIL,
 PETROL, ACID AND LEACH

STANDARDISATION MULTIMODE FIBRES CATEGORY A4a.2 IEC 60793-2-40
 UL 758 AWM STYLE 5291
 IEC 60794-2-41

APPLICATION/INSTALLATION APPLICATIONS WITH A SIMPLE MECHANICAL DEMAND,
 DIRECT CONNECTOR ASSEMBLY



NOTE:
 1. PACKAGING: 100M REEL.

ENTER DESCRIPTION EC NO: MF2015-0572 DRWN: SBOJANIC 2014/11/24 CHKD: APPR: IGUMIN 2015/04/02 REV A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	DRAWN BY SBOJANIC	DATE 2014/11/24	TITLE POF SIMPLEX CABLE. 2.2MM, PVC, GRAY, 100M		
	∇=0	4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	CHECKED BY	DATE	APPROVED BY IGUMIN 2015/04/02		
		2 PLACES ± --- ± ---	1 PLACE ± --- ± ---	MATERIAL NO. 1062088201		DOCUMENT NO. SD-106208-8201	SHEET NO. 1 OF 1	
		0 PLACE ± --- ± ---	ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			