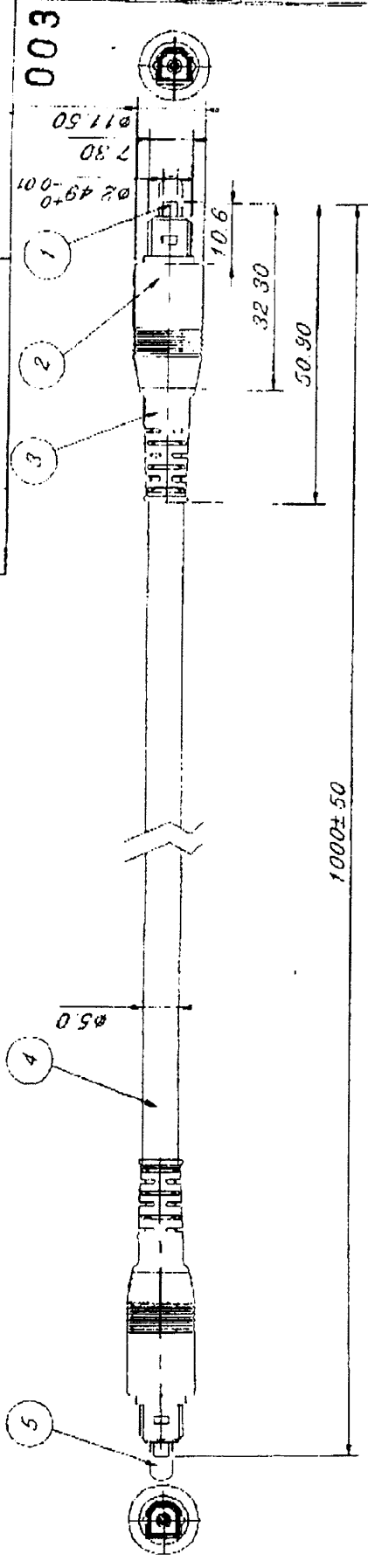




Farnell code 1956270 - 1m
 Farnell code 1956271 - 3m
 Farnell code 1956272 - 5m

REV: DESCRIPTION APPROVED DATE:



003

NO	NAME	MATERIAL	COLOR/FINISH	MARKER
1	TOSLINK BODY	NO 3 ZINC ALLOY	GOLD FLASH	
2	OUTER COVER	ALUMINUM	SEE NOTES	
3	POF BOOT FOR Ø5.0mm	POLYNYLCHLORIDE	BLACK	
4	STANDARD/SIMPLEX Ø1mm FIBER JACKET WITH Ø5.0mm PLASTIC FIBER CABLE	PVC	TRANSPARENT	
5	DUST CAP			

NOTES:
 1. MATERIAL IS ALUMINUM ALLOY #6061 OR #2011.
 2.

OUTER COVER	COLOR
POFGCDCK****	Cyanine
POFGCDDK****	Gold Yellow
POFGCDHK****	Light Brown
POFGCDSK****	Silver
POFGCDVK****	Violet
POFGCDRK****	Red

UNLESS OTHERWISE SPECIFIED TOLERANCE

FRACTIONS ± 1/10
 REMOVE BURRS & SHARP EDGES 250 MAX
 MACHINE FILLET RADIUS 250 R MAX
 ALL DIAS. TO BE CONCENTRIC
 WITHIN .125 T.I.R.
 INTERPRETATION PER MIL STD
 8 10 & 12

DRAWN: [Signature] DATE: 4/9/11
 CHK'D: [Signature] 4/9/11
 APPRV: [Signature] 4/9/11
 PROCESS: SEE NOTES
 FINISH: SEE NOTES
 FILE NO. POFCCDJK

VDC

MATERIAL: SEE NOTES
 TITLE: PLASTIC OPTIC FIBER TOSLINK BODY TO TOSLINK BODY FOR Ø5.0mm CABLE

UNITS: METR
 SCALE: 1 : 1000 ± 50

POFGCD-K0010 A



Farnell code 1956270 - 1m
 Farnell code 1956271 - 3m
 Farnell code 1956272 - 5m

CHARACTER

003

REV	DESCRIPTION	APPROVED	DATE

NO.	NAME	TESTING METHOD	CHARACTERISTICS
1	Connection loss	Wavelength=650 nm	Less 3 dB
2	Opt plug top strength	Following force of 1.0 kg 30 sec. Is applied to opt plug top in optional direction	No breakage
3	Engagement force	4.0 kgf max.	1.0 kgf
4	Separation force	0.60 to 4.0 kgf	0.8 kgf
5	Repetitive operation	Number of repetition 500 cycle	Connection loss = 1.0 dB max.
6	Robustness of connection at joint (axial direction)	Tensile force: 2 kgf	No detrimental damage such as deformation, crack or loosening.
7	Robustness of optical fiber cord clamp (bending)	Number of bends: 100 cycle.	No detrimental damage such as deformation, crack or loosening.

UNLESS OTHERWISE SPECIFIED

TOLERANCE
 .XX ± 0.05 ANGULAR ± 5
 X ± 0.10 MACH SURF

FRACTIONS ± 1/10
 REMOVE BURRS & SHARP EDGES .250 MAX
 MACHING FILLET RADIUS .250 R MAX
 ALL DIAS TO BE CONCENTRIC
 WITHIN 125 T.I.P.
 INTERPRETATION PER MIL STD
 P 18 & 12

DRAWN: *[Signature]* DATE: *[Date]*
 CHK'D: *[Signature]*
 APPRV: *[Signature]*
 PROCESS: *[Signature]*
 FINISH: SEE NOTES

MATERIAL: SEE NOTES

TITLE: PLASTIC OPTIC FIBER
 SPECIAL CLAMP TO
 SECURE CABLE FOR
 PLASTIC CABLE

UNITS: mm
 SCALE: 1:1
 SHEET # OF # 14
 FILE NO: F01GCD-M
 PART: F01GCD-M0010 A

VDC