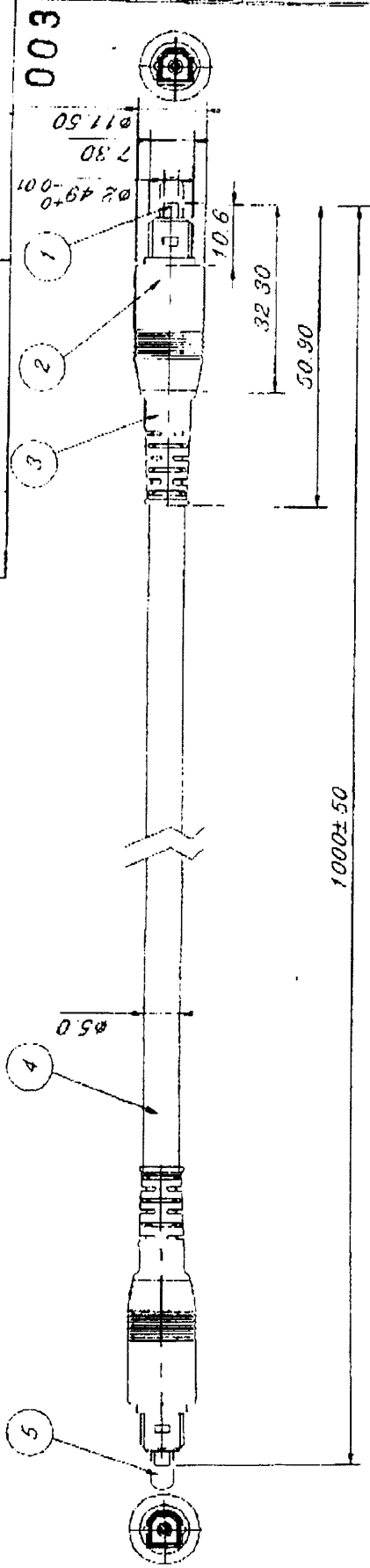




Farnell code 1956270 - 1m
Farnell code 1956271 - 3m
Farnell code 1956272 - 5m



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 $\phi 5$ 0mm	POLYVINYLCHLORIDE	BLACK	
4	STANDARD/SIMPLEX $\phi 1$ mm FIBER JACKET WITH $\phi 5$ 0mm PLASTIC FIBER CABLE			
5	DUST CAP	PVC	TRANSPARENT	

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

OUTER COVER	COLOR
POFGGCDK****	Cyanine
POFGGDDK****	Gold Yellow
POFGGDHK****	Light Brown
POFGGDSK****	Silver
POFGGDVK****	Violet
POFGGDRK****	Red

UNLESS OTHERWISE SPECIFIED TOLERANCE	BY		DATE
	DRAWN:		
	CHK'D:	<i>Rich</i>	<i>4/19/77</i>
	APPRV:	<i>Robert</i>	<i>4/19/77</i>
	PROCESS:	SEE NOTES	
FRACTIONS $\pm 4/10$ 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	FINISH:		SEE NOTES
	FILE NO.	POFCCD1K	
	UNITS:	MM	
	SHEET	1 OF 1	
	SCALE	1:1	
TITLE:		TITLE:	
MATERIAL:		MATERIAL:	
SEE NOTES		SEE NOTES	
PLASTIC OPTIC FIBER TOSLINK COMB TO TOSLINK COMB FOR 0.5 mm CABLE		PLASTIC OPTIC FIBER TOSLINK COMB TO TOSLINK COMB FOR 0.5 mm CABLE	
VDC		VDC	
POTECOD-MOD10		POTECOD-MOD10	
A		A	



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CHARACTER

003

NO.	NAME	TESTING METHOD	CHARACTERISTICS
1	Connection loss	Wavelength=650 nm	Less 3 dB
2	Opt plug top strength	Following force of 10 kg 30 sec. Is applied to opt plug top in optional direction	No breakage
3	Engagement force	4.0 kgf max	10 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.

REV	DESCRIPTION	APPROVED	DATE

UNLESS OTHERWISE SPECIFIED		BY		DATE		VDC	
TOLERANCE		DRAWN:		CHK'D:		TITLE:	
.XX ± 0.05		CHK'D: <i>Rich</i>		CHK'D: <i>Rich</i>		PLASTIC OPTIC FIBER	
X ± 0.10		APPROV: <i>Robert</i>		APPROV: <i>Robert</i>		PLASTIC CABLE TO	
FRACTIONS ± 1/10		PROCESS: <i>Rich</i>		PROCESS: <i>Rich</i>		PLASTIC CABLE FOR	
REMOVE BURRS & SHARP EDGES .250 MAX		FINISH: SEE NOTES		FINISH: SEE NOTES		PLASTIC CABLE FOR	
MACHINE FILLET RADIUS .250 R MAX		FILE NO		FILE NO		PLASTIC CABLE FOR	
ALL DIAS TO BE CONCENTRIC		PFGCD-M		PFGCD-M		PLASTIC CABLE FOR	
WITHIN 125 T.I.P.		PFGCD-M		PFGCD-M		PLASTIC CABLE FOR	
INTERPRETATION PER MIL STD		PFGCD-M		PFGCD-M		PLASTIC CABLE FOR	
R 10 & 12		PFGCD-M		PFGCD-M		PLASTIC CABLE FOR	