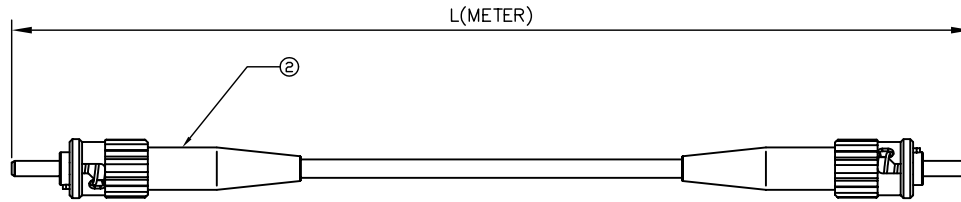


REV	DESCRIPTION	Date	APPROVED
A	PRODUCTION RELEASE	11/08/04	
B	MODIFY LENGTH TOLERANCE	05/11/05	
C	CHANGE TITLE BLOCK	08/06/07	



Ⓑ LENGTH TOLERANCE TABLE

< 0.5M	±30MM
0.5M~1.0M	±40MM
1.0M~2.0M	±50MM
2.0M~5.0M	±100MM
> 5.0M	±150MM

NOTE:

1. CHARACTERISTICS:

1.1 FIBER:

MATERIAL: SiO₂ GLASS FIBER
 CORE/CLADDING: 9/125 (SINGLE MODE)
 50/125 (MULTI MODE)
 62.5/125 (MULTI MODE)

1.2 CABLE:

CABLE DIA.: 0.9/1.8(LC)/3.0 mm
 CABLE JACKET: PVC/LSZH*/HYTREL*
 FLAME RATING: OFNR/OFNP*

1.3 FERRULE:

MATERIAL: CERAMIC ZrO₂
 PPS(POLYMER FERRULE USED ON MTRJ)
 I.D.: 125+1/-0 um (SINGLE MODE)
 126+3/-1 um (MULTI MODE)

2. PERFORMANCE:

2.1 INSERTION LOSS: TYP. <0.2dB
 TYP. <0.5dB PER FIBER (MTRJ)
 2.2 RETURN LOSS: TYP. <-50dB (UPC POLISH)
 TYP. <-65dB (APC POLISH)
 2.3 MATING DURABILITY: 500 CYCLES

3. OPERATING TEMPERATURE: -40°C~+80°C

*AVAILABLE OPTIONS

LC		SHELL: BEIGE BOOT: BEIGE
FC		BOOT: BLACK
ST		BOOT: BLACK/YELLOW
SC		SHELL: BLUE BOOT: BLUE

UNLESS OTHERWISE SPECIFIED
DIMENSION TOLERANCES ARE

DECIMALS	ANGULAR
.X +/- .050	+/- 0.5
.XX +/- .010	
.XXX +/- .005	

DO NOT SCALE DRAWING

CABLESYS

14700 E ALONDRA BLVD, LA MIRADA, CA 90638

WWW.CABLESYS.COM

SIMPLEX OPTICAL FIBER CABLE ASSEMBLY

DESIGNER	T.L.	SIZE	A	FILE NO.	SPEC\OFF SHELF CABLE\GCF A1	REV.	C
DRAFTSMAN	H.W.	UNIT	MM	PAGE NO.	1/1	ITEM NO.	GCF A1
APPROVED BY		SCALE	NTS	DATE	11/08/04	DWG NO.	GCF A1

Approved by: _____ Title: _____ Date: _____