



PERFORMANCE & SPECIFICATIONS		
FIBER TYPE	SINGLEMODE	
CONNECTOR TYPE	LC/ST	
INSERTION LOSS (typical)	<0.2 dB	
RETURN LOSS (TYPICAL)	PC	40dB
	SPC	45dB
	UPC	50dB
APC	65dB	
MATING DURABILITY (500 CYCLES)	<0.2 dB	
TEMPERATURE STABILITY	<0.3 dB	
OPERATING TEMPERATURE °C	-40°C to +80°C	
STORAGE TEMPERATURE °C	-40°C to +85°C	

4	TUBING	SHRINK TUBING (BLACK)
3	CONNECTORS	LC CONNECTORS, QUANTITY: 2
2	CONNECTORS	ST CONNECTORS, QUANTITY: 2
1	CABLE	9/125 SINGLEMODE DUPLEX OPTICAL FIBER CABLE, LSZH, COL. OR: YELLOW
NO.	ITEM	DESCRIPTION

\*PLEASE NOTE: LAST 4 DIGITS DENOTES LENGTH IN METERS  
 I.E. J1048-003M = 3 METER CABLE

REVISION					
REV.	DESCRIPTION	ECO No.	CHG. BY	DATE	APPROVED
1	Added Tolerance	N/A	T.G.	11/13/09	T.G.
2					
3					

UNLESS OTHERWISE SPECIFIED  
 TOLERANCE IS IN CENTIMETERS  
 TOLERANCES:  
 XXXX ± 1 mm ± .45 cm, .4 cm  
 XXXX > 1 mm ± .10 cm, .4 cm

THIS DOCUMENT IS THE  
 CONFIDENTIAL PROPERTY OF  
 JEM ELECTRONICS, INC. AND MAY  
 NOT BE REPRODUCED OR USED  
 WITHOUT THE CONSENT OF  
 JEM ELECTRONICS, INC.



**JEM ELECTRONICS, INC.**  
 23 NATIONAL DRIVE, FRANKLIN, MA 02038  
 DRAWING NAME: 9/125 LC/ST Duplex Singlemode Patch Cable  
 DRAWING NO: J1048-XXXX  
 SCALE: 1:1 DATE: 01/04/10 SHEET: 1 OF 1  
 Rev: 1