



PERFORMANCE & SPECIFICATIONS

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 +85°C
STORAGE TEMPERATURE °C	-40°C to +85°C
STAINLESS METAL TUBE TENSILE STRENGTH (Kgf)	≥ 20Kgf
ANTI-PRESSURE (Kgf/100mm)	≥ 300Kgf
WEIGHT	22.5Kgf/km

4	TUBING	SHRINK TUBING (BLACK)
3	CONNECTORS	SC CONNECTORS, QUANTITY: 2
2	CONNECTORS	ST CONNECTORS, QUANTITY: 2
1	CABLE	9/125 SINGLEMODE DUPLEX ARMORED OPTICAL FIBER CABLE, LSZH, COLOR: BLUE
NO.	ITEM	DESCRIPTION

*PLEASE NOTE: LAST 4 DIGITS DENOTES LENGTH IN METERS
I.E. J1242-003M = 3 METER CABLE

REV	DESCRIPTION	ECO No.	CHG. BY	DATE	APPROVED
1	Added Tolerance	N/A	T.G.	11/06/09	T.G.
2					
3					

UNLESS OTHERWISE SPECIFIED TOLERANCES:
 XXXX ±.1 meter +.5 cm, -.0 cm
 XXXX ±.1 meter +.10 cm, -.0 cm

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THIRD ANGLE PROJECTION

SCALE: 1:1 DATE: 01/04/10 SHEET: 1 OF 1

JEM ELECTRONICS, INC.
 23 NATIONAL DRIVE, FRANKLIN, MA 02038
 DRAWING NAME: 9/125 ST/SC Duplex Singlemode Armored Cable
 DRAWING NO: J1242-XXXX