PC Cable World™

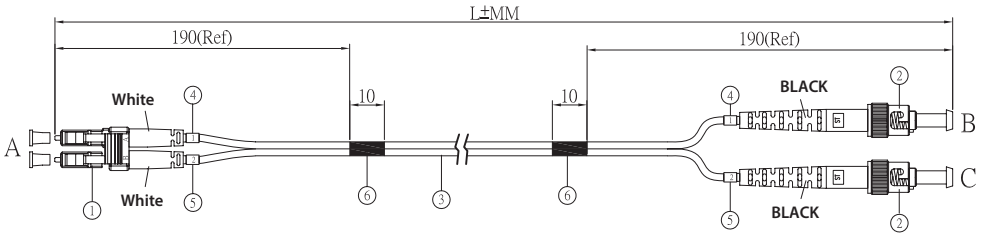
LC-ST SM DUPLEX 9/125 FIBER OPTICAL CABLE

SKUS

LC-ST03SD	(3’)	LC-ST25SD	(25’)
LC-ST06SD	(6’)	LC-ST33SD	(33’)
LC-ST10SD	(10’)	LC-ST50SD	(50’)
LC-ST15SD	(15’)		

FEATURES

- LCST Single-Mode Duplex Cable 9/125µm
- Use for transmitting gigabit data signals for telecommunications, such as local area networks or fiber to home applications
- Capable of greater speeds and distances than multi-mode cable
- Has low insertion loss, low back reflection loss, and isn’t subjected to electromagnetic effects such as cross-talk or external interference
- Contains two fibers, supporting the flow of data in two directions
- Made with high quality Corning glass fiber core for durability and lower attenuation
- Compact Lucent Connectors (LC) are frequently used in highly populated racks or panels
- Latching twist on/off Straight Tip (ST) quick release bayonet connectors
- Premium grade ceramic ferrules with polished contacts to ensure optimal performance
- Environmentally stable, can be used in areas with volatile vapours



MATERIALS

(1) **CONN A** (2) **CONN B**	LC duplex conn/UPC ST conn/UPC
(3) **CABLE**	Corning optical fiber cable 9/125 SM OFNR (UL) MM/YY XXXXXM, Yellow
(4) **MARKER RING 1**	L=3.7mm, ***Colour:*** White, Print 1, ***Text colour:*** Black
(5) **MARKER RING 2**	L=3.7mm, ***Colour:*** White, Print 2, ***Text colour:*** Black
(6) **H.S. TUBE**	Heat shrinking tube, Black, ID=3mm, L=10mm

LENGTH TABLE

3FT	914±20mm	**25FT**	7620±50mm
6FT	1824±30mm	**33FT**	10032±100mm
10FT	3048±50mm	**50FT**	15240±100mm
15FT	4572±50mm		

SPECIFICATIONS

TIA/EIA-568B.3 | BELLCORE GR-020 | UL OFNR/FT4 STANDARD		**INSERTION LOSS**	≤ 0.3 dB
OPERATION TEMPERATURE	-20 — +70 Degrees Celsius	**RETURN LOSS**	≥ 35 dB
STORAGE TEMPERATURE	-40 — +70 Degrees Celsius	**MINI BENDING RADIUS**	6cm (Loaded) 3cm (Unloaded)
TOLERANCE	.X ± 0.3 | .XX ± 0.1 | .XXX ± 0.05		

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