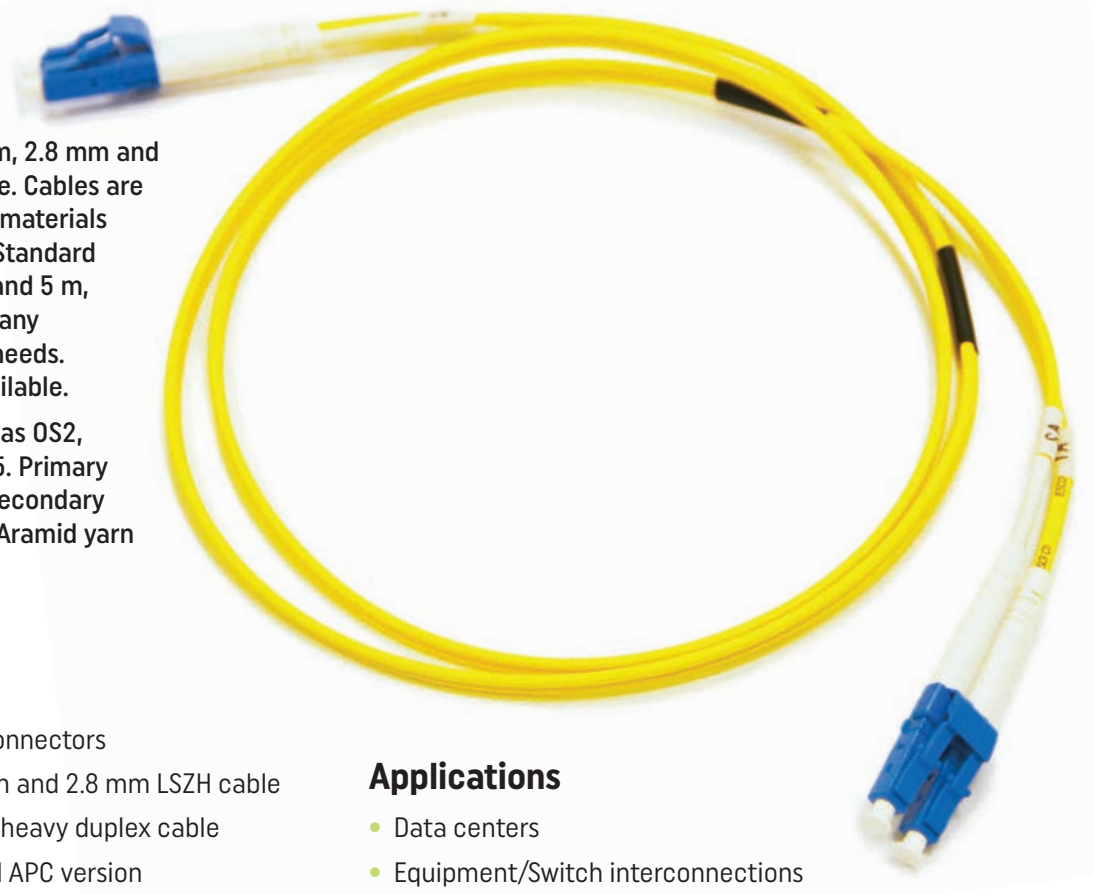


DSPC Optical Patch Cords

DSPC series fiber optic patch cords are standard products, used for interconnections into racks, data center cabinets, etc.

They are produced from singlemode or multimode simplex or duplex patch cord cables. The available diameters are 1.7 mm, 2.0 mm, 2.8 mm and 2 x 2.8 mm heavy duplex style. Cables are produced utilizing only LSZH materials (Low Smoke, Zero Halogen). Standard produced lengths are 1, 2, 3 and 5 m, but they can be produced in any lengths, according to client needs. Simplex versions are also available.

Fibers used can be specified as OS2, OM1, OM2, OM3, OM4 and OM5. Primary coating of $245 \pm 10\mu\text{m}$, and secondary coating of $900 \mu\text{m}$ are used. Aramid yarn provides strength.



Features

- Industry-standard connectors
- Cable 1.7 mm, 2.0 mm and 2.8 mm LSZH cable
- 2 x 2.8 mm + 4.1 mm heavy duplex cable
- Singlemode UPC and APC version
- Low insertion loss & reflection
- IEC 61754-20 and GR-326-core compliant
- RoHS/REACH and UL94-V0 compliant

Applications

- Data centers
- Equipment/Switch interconnections
- Optical communications equipment
- Storage Area Networks (SAN)
- Telecommunication & Data Communication networks

Specifications

LC, SC, FC, ST, E2000	SM APC	SM PC	MM PC
Insertion loss (IL) typ	0.15 dB	0.15 dB	0.15 dB
Insertion loss (IL) max	0.30 dB	0.4 dB	0.4 dB
Return loss (RL)	> 65 dB	> 55 dB	> 30 dB
Mating cycles	min 1000 cycles		
Assembly	glue and polish		
Temperature cycling	-25 to +70 C, 12 cycles		
Tensile strength	5N, 60s		
Ferrule material	ceramic zirconia		
Connector material	PBT/UL 94-V0		
Adapter material	ceramic sleeve, PBT/UL 94-V0		

ORDERING CODES

DSPC: Optical Patch Cords

DS	PC	✓	-	✓	/	✓	???	✓	-	✓	-	✓	
													Fiber type
S2												OS2 SM 09/125 µm	
M1												OM1 MM 62.5/125 µm	
M2												OM2 MM 50/125 µm	
M3												OM3 MM 50/125 µm	
M4												OM4 MM 50/125 µm	
M5												OM5 MM 50/125 µm	
													Connector A / Connector B
E2		E2											E2000/PC
E2A		E2A											E2000/APC
LC		LC											LC/PC
LCA		LCA											LC/APC
SC		SC											SC/PC
SCA		SCA											SC/APC
FC		FC											FC/PC
FCA		FCA											FC/APC
ST		ST											ST
SMA		SMA											SMA
MTR		MTR											MTRJ
													Cable length (m)
													Configuration
													S
													D
													Cable diameter (mm)
													1.7
													2
													2.8
													4.1
													Color
													YEL
													VIO
													WHI
													BLU
													ORG
													AQU
													MGN
													GRE
Example													
DS	PC	S2	-	LC	/	LC	2.0	D	-	2.0	-	YEL	Patchcord, 09/125 µm SM fiber, LC/PC to LC/PC connector, 2 m length, duplex, cable 2.0 mm, yellow
Special Features: polarity, colors, packing, labeling, etc. are available on request													