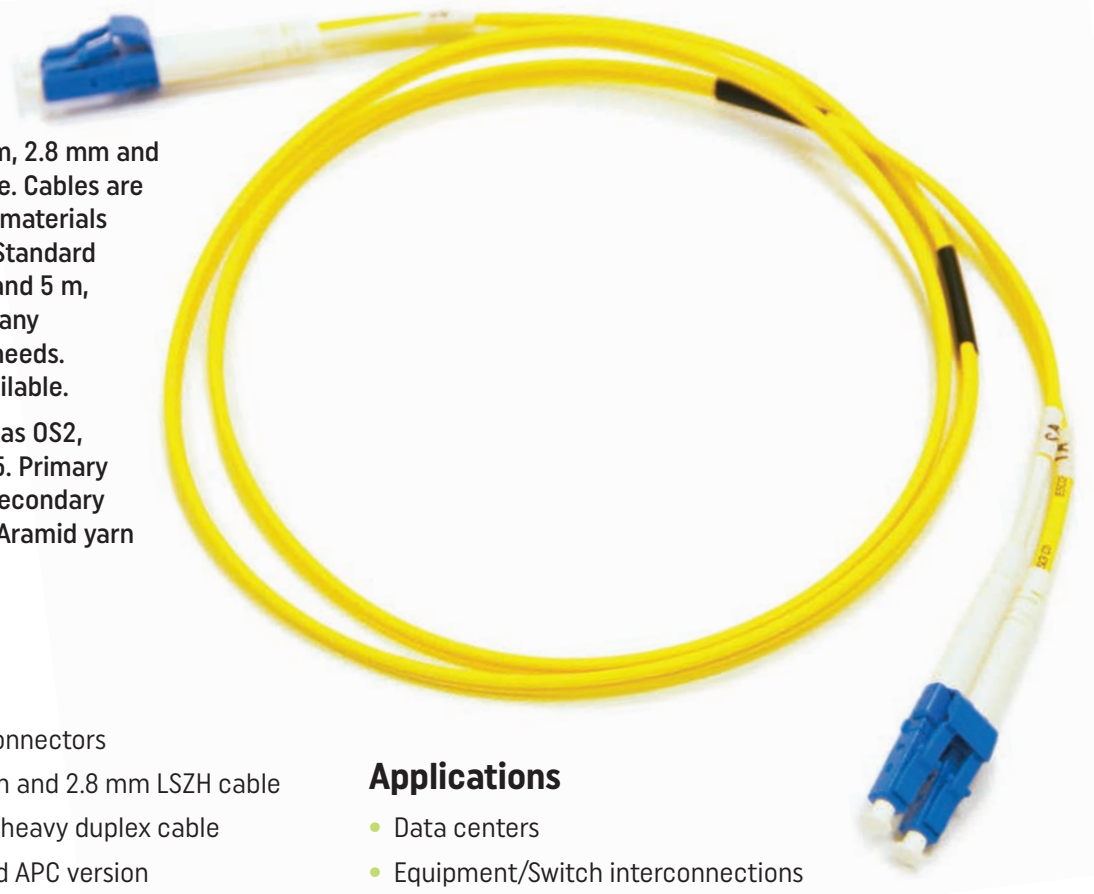


DSPC Optical Patch Cords

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

They are produced from single-mode or multi-mode 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
- Single mode 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
		2.0											Cable length (m)
													Configuration
		S											Simplex
		D											Duplex
													Cable diameter (mm)
		1.7											1.7
		2											2.0
		2.8											2.8
		4.1											2 x 2.8 + 4.1 heavy duplex
													Color
		YEL											Yellow (OS2)
		VIO											Violet (OS2)
		WHI											White (OS2)
		BLU											Blue (OM1)
		ORG											Orange (OM2)
		AQU											Aqua (OM3)
		MGN											Magenta (OM4)
		GRE											Light green (OM5)
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													