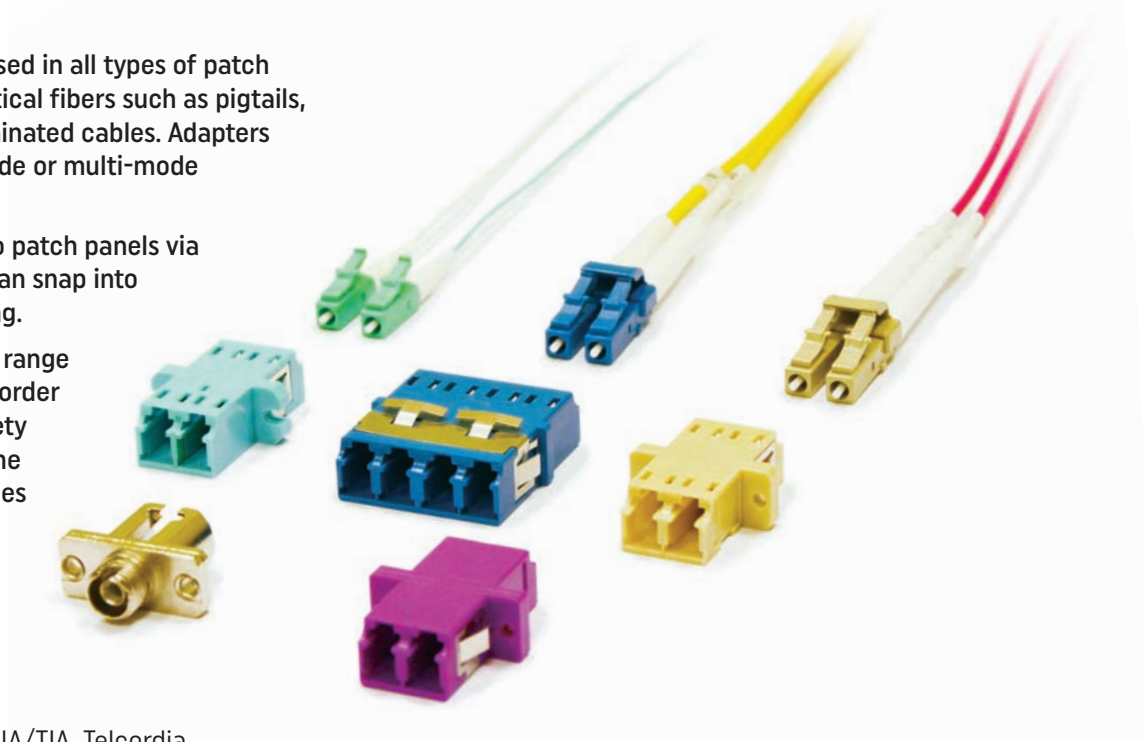


# DSOA Fiber Optic Adapters

Fiber optic adapters are used in all types of patch panels, for connecting optical fibers such as pigtails, patch cords and pre-terminated cables. Adapters are delivered in single-mode or multi-mode versions, in PC and APC.

Adapters are connected to patch panels via flanges, D-holes, or they can snap into place using a special spring.

INTELDAT produces a wide range of fiber optic adapters, in order to accommodate the variety of optical connectors of the same type or different types (hybrid adapters).



## Features

- Low insertion loss
- Standards of IEC, EIA/TIA, Telcordia
- Precise mechanical dimensions and design
- High reliability and stability
- Simplex, duplex, quad

## Applications

- Telecom and datacom systems
- Access networks
- LAN and WAN
- Datacenters

## Specifications

Item	Unit		Parameter		
Type			FC, SC, ST, LC, E2000		
Version			PC, APC		
Mode			Single-mode, multi-mode		
Sleeve			Zirconia ceramic, phosphor bronze		
Insertion loss		dB	≤ 0.2 dB		
Operating temperature range		°C	-20 to +70		
	E2000	SC	LC	FC	ST
Configuration	SX/DX	SX/DX	SX/DX/QUAD	SX	SX
Mounting style	flange/no flange	flange/no flange	flange/no flange	D-hole/square flange	D-hole
<b>OM1</b>	black	beige	beige	metal	metal/plastic
<b>OM2</b>	black	beige	beige	metal	metal/plastic
<b>OM3</b>	black	aqua	aqua	metal	metal/plastic
<b>OM4</b>	black	magenta	magenta	metal	metal/plastic
<b>OM5</b>	black	lime green	lime green	metal	metal/plastic
<b>OS2 PC</b>	blue	blue	blue	metal	metal/plastic
<b>OS2 APC</b>	green	green	green	metal	metal/plastic

# ORDERING CODES

## DSOA: Fiber Optic Adapters

DS	OA	-	✓	-	✓	-	✓	-	✓	-	✓	-	✓	
														<b>Type</b>
SC														SC/PC
SCA														SC/APC
FC														FC/PC
FCA														FC/APC
ST														ST
LC														LC/PC
LCA														LC/APC
E2														E2000/PC
E2A														E2000/APC
SMA														SMA
														<b>Configuration</b>
S														Simplex
D														Duplex
Q														Quad
														<b>Mounting Style</b>
D														D-Hole
S														No Flange
F														With Flange
C														Square Flange
														<b>Mode</b>
SM														Single-mode
MM														Multi-mode
														<b>Body Color</b>
1														Blue (PC)
2														Green (APC)
3														Beige (OM1, OM2)
4														Aqua (OM3)
5														Magenta (OM4)
6														Lime Green (OM5)
7														Black
8														Metal
														<b>Sleeve</b>
B														Metal (Phosphor Bronze)
C														Zirconia Ceramic

Example

DS OA - SC - D - F - SM - 1 - C INTEL DAT optical adapter, SC/PC, duplex, SM, with flange, zirconia ceramic sleeve

Hybrid and special adapters are delivered in accordance with the customer's detailed specifications.