

# FIBER OPTIC ADAPTERS

## Fiber optic adapters



SC SIMPLEX SM



SC/APC SIMPLEX



SC SIMPLEX MM



SC SIMPLEX OM3



SC DUPLEX SM



SC/APC DUPLEX



SC DUPLEX MM



SC DUPLEX OM3



LC SIMPLEX SM



LC/APC SIMPLEX



LC SIMPLEX MM



LC SIMPLEX OM3



LC DUPLEX SM



LC/APC DUPLEX



LC DUPLEX MM



LC DUPLEX OM3



LC QUAD SM



LC/APC QUAD



LC QUAD MM



LC QUAD OM3



E2000 SM



E2000/APC



FC SIMPLEX



ST SIMPLEX

## Application

- Telecommunication Networks
- FTTX, FTTH
- LAN, WAN, CATV and MAN applications
- Fiber Communication Systems
- Data Processing Networks
- Industrial and Military applications

## Features:

- Simplex, duplex or quad versions
- Singlemode and Multimode supply
- Phosphor bronze or Zirconia ceramic sleeve
- Low insertion and back reflection loss
- High precision alignment sleeve
- Compact design
- Comply to ROHS requirements

## Technical specifications and ordering information

Parameter	Unit	SC ADAPTERS					
		SINGLEMODE		MULTIMODE			
		UPC	APC	OM2	OM3		
Part number	Simplex	ADSC9S	ADSCA9S	ADSC52S	ADSC53S		
Part number	Duplex	ADSC9D	ADSCA9D	ADSC52D	ADSC53D		
Colour		Blue	Green	Beige	Aqua		
Insertion Loss	dB	$\leq 0.2$		$\leq 0.3$			
Sleeve part		Zirconia ceramic		Phosphor bronze			
Casing		Plastic					
Durability	dB	$\leq 0.1\text{dB}$ typical change, 500 matings					
Operating temperature	°C	from -40 to +80					

Parameter	Unit	LC ADAPTERS					
		SINGLEMODE		MULTIMODE			
		UPC	APC	OM2	OM3		
Part number	Simplex	ADLC9S	ADLCA9S	ADLC52S	ADLC53S		
Part number	Duplex	ADLC9D	ADLCA9D	ADLC52D	ADLC53D		
Part number	Quad	ADLC9Q	ADLCA9Q	ADLC52Q	ADLC53Q		
Colour		Blue	Green	Beige	Aqua		
Insertion Loss	dB	$\leq 0.2$		$\leq 0.3$			
Sleeve part		Zirconia ceramic		Phosphor bronze			
Casing		Plastic					
Durability	dB	$\leq 0.1\text{dB}$ typical change, 500 matings					
Operating temperature	°C	from -40 to +80					

Parameter	Unit	ST AND FC ADAPTERS					
		SINGLEMODE		MULTIMODE			
		ST	FC	ST	FC		
Part number	Simplex	ADST9S	ADFC9S	ADST52S	ADFC52S		
Sleeve part		Zirconia ceramic		Phosphor bronze			
Insertion Loss	dB	$\leq 0.2$		$\leq 0.3$			
Casing		Metal					
Colour		Metallic					
Durability	dB	$\leq 0.1\text{dB}$ typical change, 500 matings					
Operating temperature	°C	from -40 to +80					

Parameter	Unit	E2000 ADAPTERS					
		SINGLEMODE		MULTIMODE			
		UPC	APC	ST	FC		
Part number	Simplex	ADE29S	ADE2A9S	ADE252S			
Colour		Blue	Green	Beige			
Insertion Loss	dB	$\leq 0.2$		$\leq 0.3$			
Sleeve part		Zirconia ceramic					
Casing		Plastic					
Durability	dB	$\leq 0.1\text{dB}$ typical change, 500 matings					
Operating temperature	°C	from -40 to +80					

## Ordering information:

ADAPTER	ADAPTER TYPE	FIBER TYPE	TYPE	FLANGLESS OPTION
AD	SC - SC UPC	9 - Singlemode 9/125 OS2	S - Simplex	F - Flangless
	LC - LC UPC	52 - Multimode 50/125 OM1 OM2	D - Duplex	
	ST - ST UPC	53 - Multimode 50/125 OM3	Q - Quad	
	FC - FC UPC	54 - Multimode 50/125 OM4		
	E2 - E2000			
	SCA - SC APC			
	LCA - LC APC			
	E2A - E2000 APC			

Explanation: SC UPC singlemode duplex adapter with flanges