



OPTICAL ADAPTERS KIT

Description	<p>The kits are composed of optical adapters, simplex or duplex, usually grouped in sets of 2 or 6 fibers.</p> <p>The adapters, also called optical couplers, interconnect two optical adapters, ensuring correct alignment of ferrules of connectors and thus the optical fibers.</p> <p>The adapters are made of plastic with a metal lock.</p>			
Application	Support for background requirements of IEEE 802.3 (Gigabit and 10 Gigabit Ethernet) and ANSI T11.2 (Fibre Channel) standard.			
Advantage	<ul style="list-style-type: none"> Recommended for indoor use only, ending optical cables in optical distribution frame, in optical systems with low loss and high bandwidth, like: high distance systems, backbone networks, video and data transmission and distribution; Exceeds performance requirements of EIA/TIA-568-C.3 standard; Available in diverse kinds of optical connectors; Available for singlemode and multimode optical fiber; Available for PC and APC polishing connectors. 			
Installation Environment	Indoor			
Operation Environment	Non Aggressive			
Operation Temperature (°C)	From -25°C to 75°C			
Color	ADAPTER	TYPE OF FIBER	POLISHING	COLOR
	SC - LC Duplex	50.0, 62.5	PC	Beige
	SC - LC Duplex	SM	PC	Blue
	SC - LC Duplex	SM	APC	Green
	SC - LC Duplex	OM3, OM4	PC	Aqua
	LC-Duplex	OM5	PC	Lime Green
	ST - FC	SM/MM	PC	Metallic
	FC	SM	APC	Metallic
	E2000	MM	PC	Beige
	E2000	SM	PC	Blue
	E2000	SM	APC	Green
	MPO - A Type	SM/MM		Black
	MPO - B Type	SM/MM		Gray
Insertion Loss (dB)	<p>LC, SC, ST, FC and E2000 -> 0.15 - 0.3 dB (Max)</p> <p>MPO ->0.5dB (Max)</p>			

Return Loss (dB)	TYPE OF CONNECTOR	POLISHING	FIBER	RETURN LOSS - MÓDULE	CLASS (NBR 14433)
	LC, SC, ST and FC	UPC	MM	>30	A
	LC, SC, ST and FC	UPC	SM	>50	C
	LC, SC, FC and E2000	APC	SM	>60	D
	MPO	APC	SM	>50	
	MPO	UPC	MM	>20	
Fibers Quantity	<p>The optical adapters kit interconnects different amount of fiber, according to the model:</p> <ul style="list-style-type: none"> • 02F (1 piece for duplex adapters or 2 pieces for simplex adapters) • 06F (3 pieces for duplex adapters or 6 pieces for simplex adapters) • 12F (1 piece, only for MPO adapters) • 72F (6 pieces, only for MPO adapters) 				
Quantity of insertion cycles	> 500 cycles				
Minimum Order Quantity	1 box				
Compatibility	All FCS product line.				
Quantity per gift box	10 pieces				
Warranty	12 months				
RoHS	This product is in accordance with the RoHS European Directive: a directive on the restriction of the use of certain hazardous substances and related to the environmental preservation.				

[Part Numbers](#)