

# FIBER OPTIC COMPONENTS – SM PIGTAILS



D-Link offers quality optical fiber pigtails which are single ended with connectors. D-Link pigtails come with good endface geometry, full standard optical specifications, precise length & tolerances. The pre-polished pigtail assemblies give the quality, confidence & convenience to be installed & spliced in the field.

## KEY FEATURES

- Adopts high precision ceramic ferrule with good concentricity
- Advanced termination facilities & process, deliver good geometrical characteristics of apex offset, radius of curvature & fiber height.
- 100% inspected for optical characteristics & fiber end face finish
- Low insertion loss & return loss, clean and scratch-free end faces
- Good performance endurance under changing circumstances

## SPECIFICATION

CONNECTOR TYPE	SC/ ST/ FC/ LC		
OPTICAL FIBER	SINGLE-MODE G652D, G657A, G657B		
CABLE TYPE	PVC & LSZH ON REQUEST 0.9MM/ 2.0MM/ 3.0MM SIMPLEX & DUPLEX		
CABLE COLOUR, LENGTH	YELLOW FOR SINGLE-MODE 1M, 2M & 3M. OTHER LENGTHS ON REQUEST.		
OPTICAL SPECIFICATION	INSERTION LOSS	TYPICAL: ≤ 0.2DB, MAX. 0.3DB	
	RETURN LOSS	PC ≥ 45DB, UPC ≥ 50 DB, APC ≥ 60DB	
MECHANICAL SPECIFICATION	CONNECTOR FERRULE	CERAMIC	
	APEX OFFSET	< 50UM	
	FIBER HEIGHT	± 100NM	
	END-FACE RADIUS OF CURVATURE	7MM < R < 25MM (EXCLUDING MTRJ)	
	REPEATABILITY	≤ 0.2DB 1,000 TIMES MATING CYCLES	
WORKING TEMPERATURE	-40°C ~ +85°C		
STORAGE TEMPERATURE	-40°C ~ +85°C		

## ORDERING INFORMATION

TYPE-LENGTH	SINGLE MODE (09µM)	MULTI MODE (62.5µM-OM1)	MULTI MODE (50µM-OM2)	MULTI MODE (51µM-OM3)
SIMPLEX 1M	NCB-FS09S-FC1	NCB-FM62S-LC1	NCB-FM50S-LC1	NCB-FM51S-LC1
	NCB-FS09S-SC1	NCB-FM62S-SC1	NCB-FM50S-ST1	NCB-FM51S-SC1
	NCB-FS09S-ST1	NCB-FM62S-ST1	NCB-FM50S-SC1	
	NCB-FS09S-LC1			
SIMPLEX LSZH-1M	NCB-FS09S-FC1-LS	NCB-FM62S-LC1-LS	NCB-FM50S-LC1-LS	NCB-FM51S-LC1-LS
	NCB-FS09S-SC1-LS	NCB-FM62S-SC1-LS	NCB-FM50S-ST1-LS	NCB-FM51S-SC1-LS
	NCB-FS09S-ST1-LS	NCB-FM62S-ST1-LS	NCB-FM50S-SC1-LS	
	NCB-FS09S-LC1-LS			

The above pigtails are available in 2M and 3M length. The pigtails are available in APC versions also.