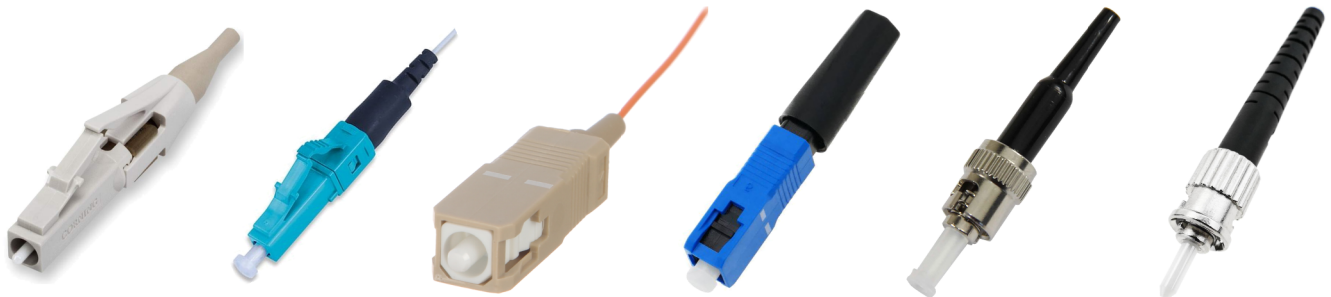


Honeywell

CONNECTOR COMMON DATASHEET

HONEYWELL offers entire range of ST, SC, LC and FC connectors in both Single mode and Multi mode for high accuracy performances. Suitable for buffered cables as well as pigtailed, all the connectors are designed with Zirconia Ceramic ferrules.



LC MM
Connector

LC SM
Connector

SC MM
Connector

SC SM
Connector

ST
Connector

FC
Connector

Features

- Single Mode and Multi Mode ST, SC, LC and FC Connectors
- High Precision Ceramic Ferrule with polymer housing
- EIA/TIA 568 C.2 compliant

Technical Specifications

Specifications	ST Connector	SC Connector	LC Connector	FC Connector
Dust Cover Material	PP			
Ferrule	Ceramic + Bronze			
Ferrule Diameter	2.5mm ± 0.001	2.5mm ± 0.001	1.25mm / 2.5mm ± 0.001	2.5mm ± 0.001
Ferrule Type	Zirconia Ceramic			
Ferrule Tolerance Single Mode	126 ± 0.5 micron internal			
Ferrule Tolerance Multi Mode	127 ± 0.5 micron internal			
Cable Boot	3 mm Black	3 mm Beige	2 mm White	3 mm Black
Boot Material	TPE			
Plug Frame	PBT + GF (Polybutylene Terephthalate + Glass Fiber)			
Insertion Loss (Single and Multi Mode)	< 0.3 dB			
Return Loss	> 55dB UPC Style Ferrule > 60dB APC Style Ferrule in SM			
Finish	Pre-radiused PC end, radius 10 to 25mm			
Mating Cycle	Up to 1000 times			
Performance	IEC61753-1 Optical Fiber interconnecting devices and passive components performance standard			
Standard	IEC61754-20 Optical Fiber Connector Interface			
Durability	IEC61300-2-2 Fiber Optic Interconnecting Devices			
Operating Temperature	-40°C to + 85°C			

www.honeywellconnection.com

The Honeywell trademark is used under license from Honeywell International Inc. Honeywell International Inc. makes no representation or warranties with respect to this product. This product is manufactured by Secure Connection Limited, Hong Kong. All trade names are registered trademarks of respective manufacturers listed. ©2020 Secure Connection Ltd., Hong Kong. All rights reserved



FIBER



Ordering Information (Part Codes And Description)

No.	Part Code	Description
	SINGLE MODE	
1	HC004101/FBR/SM/CON/ST	SM Connector ST Style
2	HC004102/FBR/SM/CON/SC	SM Connector SC type
3	HC004103/FBR/SM/CON/FC	SM Connector FC type
4	HC004104/FBR/SM/CON/LC	SM Connector LC Style
	MULTI MODE	
1	HC004121/FBR/MM/CON/ST	MM Connector ST Style
2	HC004122/FBR/MM/CON/SC	MM Connector SC type
3	HC004123/FBR/MM/CON/FC	MM Connector FC type
4	HC004124/FBR/MM/CON/LC	MM Connector LC Style
NOTE: Length and other Connector options available on demand		

History

Rev. 1.0, July 2020