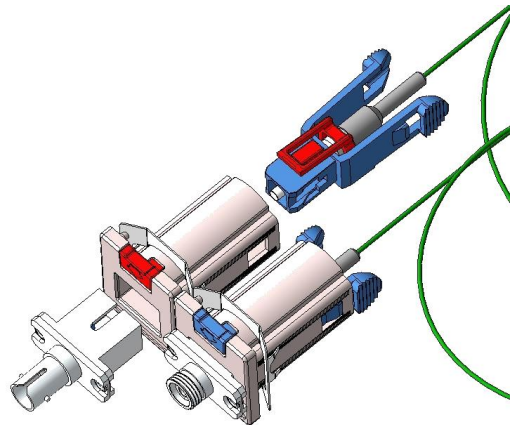# KI-G2000 Series

Universal Optical Connector

Applications

Fiber optic test equipment, line equipment, termination cabinets, or any fiber optic equipment where the ability to accommodate different connector style is useful.

Revision 6

The Kingfisher G2000 series universal optical connectors enable equipment to be easily fitted with a variety of optical adaptor styles in a warehouse, retail outlet, installation site, QA application etc.

This streamlines component inventory, production, QA testing, distribution & sales, while giving additional customer flexibility and making after-sales service easier.

Adaptor styles currently available are: LC, ST, SC, FC, D4, E2000, LSA-DIN46256, F3000, MU, Universal 2.5 mm, Universal 1.25 mm, SMA, HFBR.

Features

• Small, light & easy to mount

• Uses standard SC hybrid through adaptors

• Colour code using CWDM convention

• Metal free, suitable for high power systems

• Fast, easy assembly

• Tool free service changeovers

• Lower cost

• Easy connector tip cleaning

• Available for 1.25 mm or 2.5 mm or 1 mm POF connector styles

KINGFISHER
a TEMPO company

ISO 9001 CE

KI-G2000 Series – Universal Optical Connector

Based on an SC optical adaptor, this is a patented solution for 2.5 mm, 1.25 mm, and 1 mm POF fiber optic connector styles.

Hybrid SC adaptors are available for: LC, ST, SC, FC, D4, E2000, LSA-DIN47256, F3000, MU, Universal 2.5 mm, Universal 1.25 mm, SMA, HFBR optical connector types.

The fiber connector ferrule tip is easily accessible for cleaning by removing the hybrid SC connector adaptor.

Fiber optic adaptor styles can be configured or changed after equipment delivery. Alternatively, a tamper-proof configuration is possible, with a one-time only configuration.

G2000 SERIES COMPONENTS:

Release Button*

G2 Body Assembly

Pigtail

Panel Housing

Receptacle

Retainer Clip
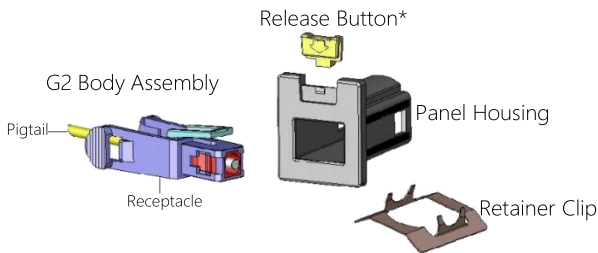
*The colour coded Release Button matches the CWDM Transceivers connector color code convention:

CWDM λ	Colour	CWDM λ	Colour
1470	Gray	1550	Yellow
1490	Violet	1570	Orange
1510	Blue	1590	Red
1530	Green	1610	Brown

INSTALLING G2000 SERIES ON EQUIPMENT PANEL:

Equipment panel   Alignment hole
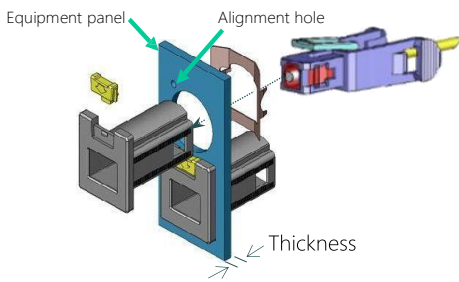
Thickness

MOUNTING HOLE DIMENSION

Will fit onto equipment panel with;
i. Panel thickness up to 22 mm (7/8")
ii. Round hole φ 19 mm (3/4")
iii. Horizontal/vertical spacing
22.5/25.5 mm
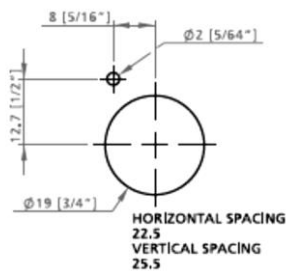
INTERCHANGING HYBRID ADAPTOR ON INSTALLED G2000 SERIES:

To insert: push a hybrid adaptor into housing.

To remove: press down Release Button and pull out adaptor.

After adaptor is removed, ferrule of the connector can be cleaned easily.
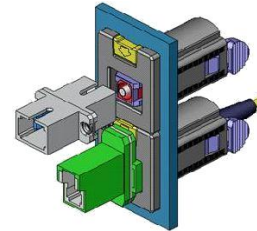
SERVICE REPLACEMENT ON INSTALLED G2000 SERIES:

To remove the G2 Body Assembly press both tab and withdraw.
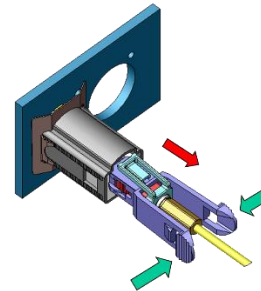
APLICATION OF G2000 SERIES:

The G2000 series Universal Optical Connector can be used on;

- Test equipment
- Transmission equipment
- Patch panels

ORDERING INFORMATION

Description	Part number
Connector, G2, PC, 9/125/900 um SM Pigtail	KI-G2001
Connector, G2, APC, 9/125/900 um SM Pigtail	KI-G2002
Connector, G2, 50/125/900 um MM Pigtail	KI-G2003
Connector, G2, 62.5/125/900 um MM Pigtail	KI-G2004
Connector, G2, 1 m POF Pigtail	KI-G2005

STANDARD COMPONENT / ACCESSORIES

Description		Quantity				
		KI-G2001	KI-G2002	KI-G2003	KI-G2004	KI-G2005
Component:						
G2 Body Assembly	Blue Receptacle	1				
	Green Receptacle		1			
	Beige Receptacle			1	1	1
	PC, 9/125/900 µm ,0.5 M, Pigtail	1				
	APC, 9/125/900 µm, 0.5 M, Pigtail		1			
	PC, 50/125/900 µm, 0.5 M, Pigtail			1		
	PC, 62.5/125/900 µm, 0.5 M, Pigtail				1	
	PC, 1 mm POF, 2.2 mm Black Jacket, 0.5 M, Pigtail					1
Release Button (Grey, violet, blue, green, yellow, orange, red, brown)		8	8	8	8	8
Panel Housing		1	1	1	1	1
Retaining Clip		1	1	1	1	1
Accessories:						
Option, Hybrid Adaptor, Ceramic Sleeve, SC/ST (OPT040)		1	1	1	1	1
Option, Hybrid Adaptor, Ceramic Sleeve, SC/SC (OPT046)		1	1	1	1	1
Option, Hybrid Adaptor, Ceramic Sleeve, SC/LC, metal body (OPT076)		1	1	1	1	
Option, Hybrid Adaptor, Ceramic Sleeve, SC/SMA 905/906 (OPT082)						1

OPTIONAL INTERCHANGEABLE HYBRID ADAPTORS

Description	Part number	Description	Part number
Hybrid Adaptor, SC/FC	OPT051	Hybrid Adaptor, SC/HFBR	OPT078
Hybrid Adaptor, SC/E2000	OPT060	Hybrid Adaptor, SC/MU	OPT080
Hybrid Adaptor, SC/E2000 Green	OPT060G	Hybrid Adaptor, SC/Universal 2.5 mm	OPT081
Hybrid Adaptor, SC/LSA-DIN47256	OPT071	Hybrid Adaptor, SC/SMA 905/906	OPT082
Hybrid Adaptor, SC/F3000	OPT072	Hybrid Adaptor, SC/Universal 1.25 mm	OPT085

AUTHORIZED DEALER