

# DIAMOND

## Fiber Optic Components

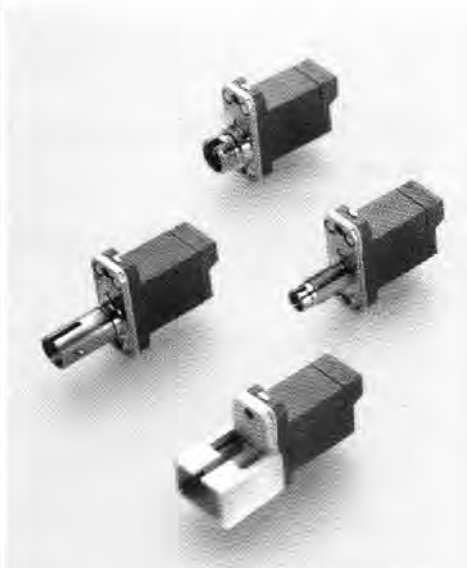
**E-2000™ HYBRID**  
**MATING ADAPTER**  
 SINGLE MODE  
 MULTIMODE  
 SINGLE MODE APC

### Specifications:

	Single Mode	Multimode	Single Mode 8°HRL	Units	Test conditions
Insertion Loss (IL)	typ 0,2	typ 0,15	typ 0,2	dB	IEC 1300-3-4; $\lambda = 1300/1550\text{nm}$
Return Loss (RL)	min 50	min 40	min 70*	dB	IEC 1300-3-6; $\lambda = 1300/1550\text{nm}$
Repeat ability of IL	max $\pm 0,1$	max $\pm 0,1$	max $\pm 0,1$	dB	
Service life	min. 1000 Steckungen				
Operating temperature	-40 / +85			°C	
Storage temperature	-40 / +90			°C	

\* Measured with high precision reflectometer

Note: Optical and mechanical specifications are based on the use of the connector of corresponding standard; the above table reflects typical values.

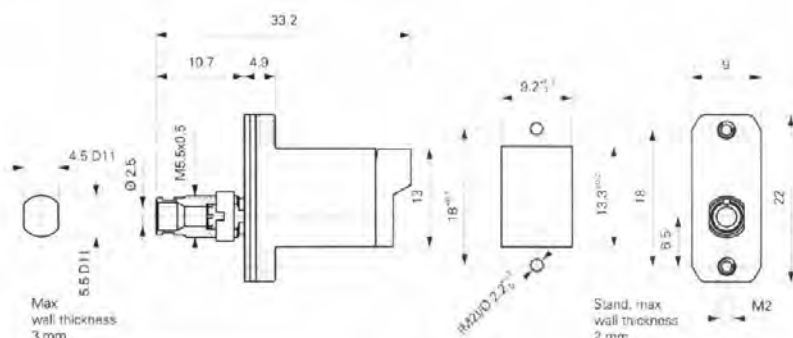


### DESCRIPTION:

In-line adapter are used to directly mate different connectors. Their optical performance and compact size make is a logical and cost-effective alternative to hybrid patch assemblies.

### HYB-S\*.2 LSA-LSG/LSH

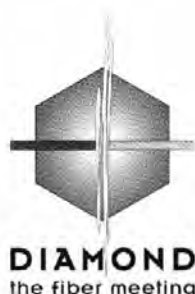
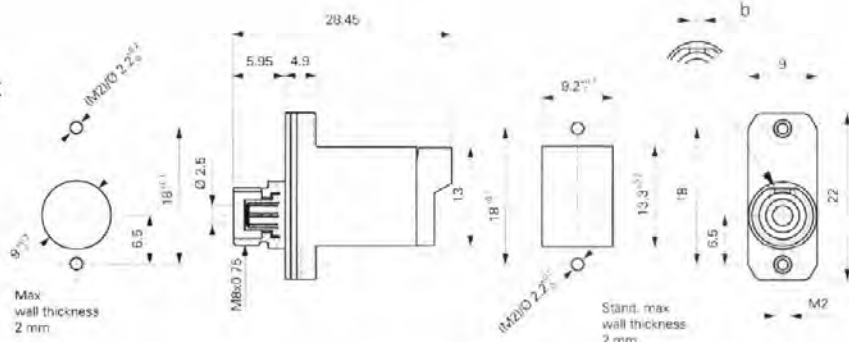
Mating sleeve: Zirconia  
 External parts: Plastic/  
 Ni-plated Zamak



### HYB-S\*.2 LSH/FC-PC

Mating sleeve: Zirconia  
 External parts: Plastic /  
 Ni-plated Zamak

Dimension b: 2 or 2.15



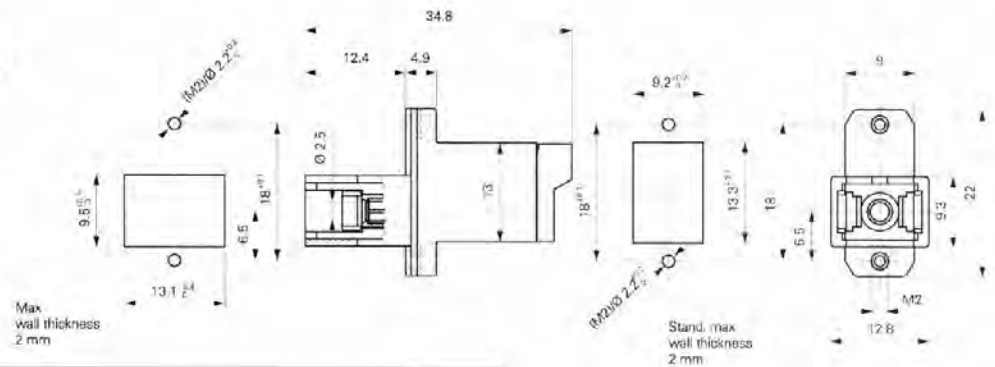
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Specifications subject to change without notice

002.037.208P007030

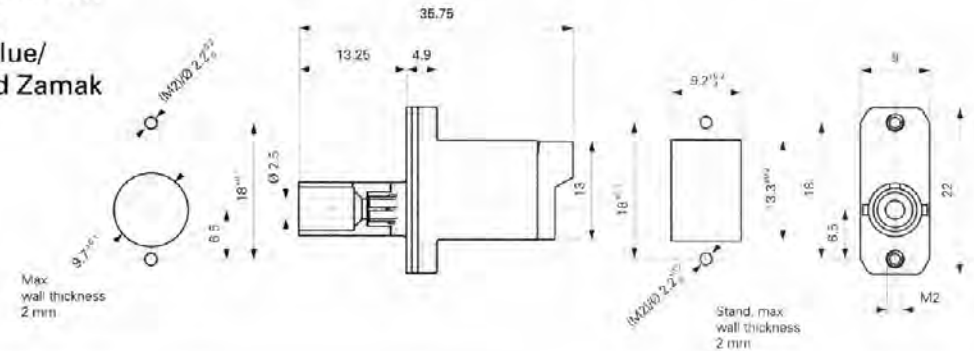
Mating sleeve:  
External parts:

Zirconia  
Plastic



Mating sleeve:  
External parts:

Zirconia  
Plastic blue/  
Ni-plated Zamak



## COLOR CODING

Type designation	Order Number
HYB-S*.2 LSG/LSH	1 0 4 - 3 1 1 - 9 0 1 V
HYB-S*.2 LSH/FC-PC b = 2.15	1 6 5 - 3 1 1 - 9 0 2 V
HYB-S*.2 LSH/FC-PC b = 2	1 6 5 - 3 1 1 - 9 0 7 V
HYB-S*.2 LSH/SC	1 6 5 - 3 1 1 - 9 0 3 V
HYB-S0.2 LSH/ST	1 6 5 - 3 1 1 - 9 0 4 V

	Frame color							
<b>Body: blue</b>	blue	green	black	red	orange	yellow	white	violet
Order Number	011	012	013	014	015	016	017	018
<b>Body: green</b>	blue	green	black	red	orange	yellow	white	violet
Order Number	021	022	023	024	025	026	027	028

HYB-S*.2 LSG/LSH	104 - 311 - 91	V 0 1
HYB-S*.2 LSH/FC-PC b = 2.15	165 - 311 - 91	V 0 1
HYB-S*.2 LSH/FC-PC b = 2	165 - 311 - 92	V 0 1
HYB-S*.2 LSH/SC	165 - 311 - 93	V 0 1
HYB-S0.2 LSH/ST	165 - 311 - 94	V 0 1 1

Mechanical keying No.	1 (red)	2 (brown)	3 (yellow)	4 (orange)	5 (violet)	6 (white)
Order Number	1	2	3	4	5	6

<b>Body: blue</b>	1
<b>Body: green</b>	2

Insert	0 for PC application	8 for APC application
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