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TECHNOLOGY GROUP

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DIAMOND
Fiber Optic Components

E-2000™ HYBRID

MATING ADAPTER

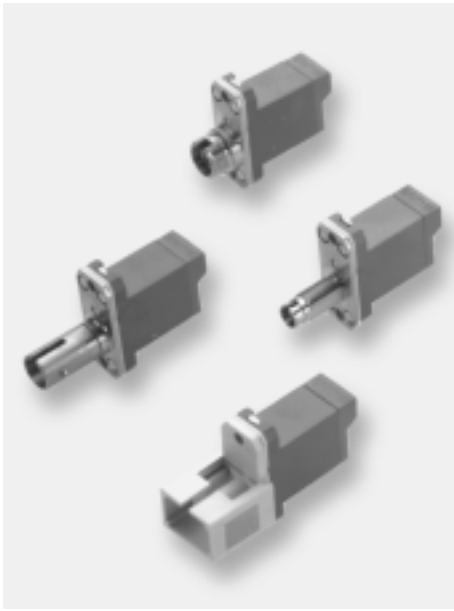
SINGLE MODE / MULTIMODE
SINGLE MODE HRL (APC)

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 61300-3-4; l = 1300/1550nm
Return Loss (RL)	min 50	min 40	min 70*	dB	IEC 61300-3-6; l = 1300/1550nm
Repeat ability IL	max ±0,1	max ±0,1	max ±0,1	dB	
Service life					
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 corrisponding standard; the above table reflects typical values.

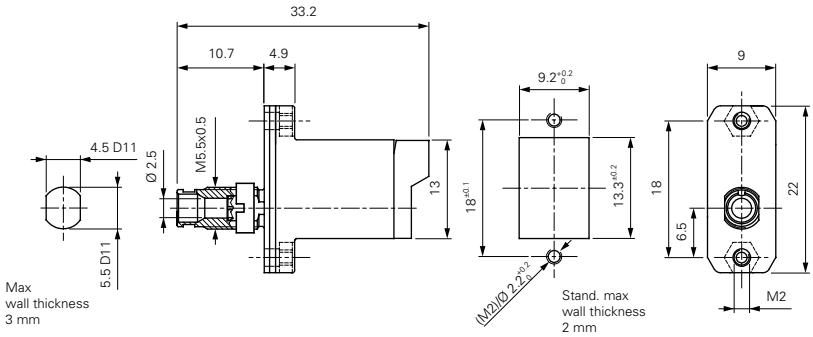


DESCRIPTION

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

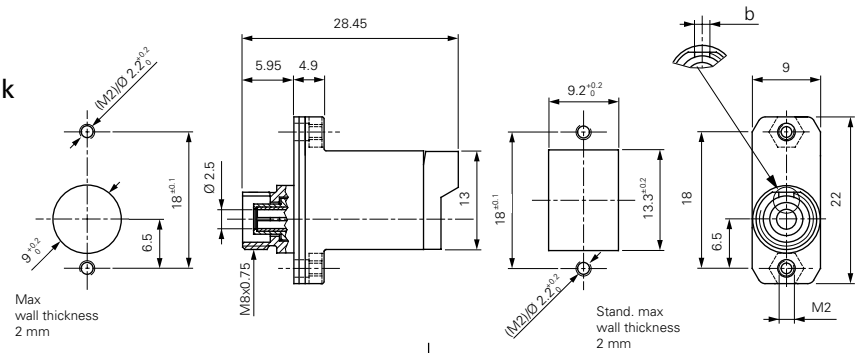
Mating sleeve: Zirconia
External parts: Plastic/
Ni-plated Zamak



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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DIAMOND
the fiber meeting

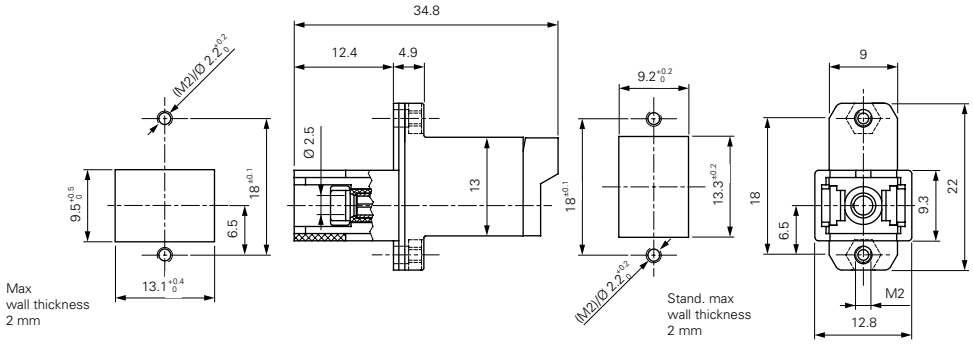
Specifications subject to change without notice

002-037-208P007030

This datasheet has been downloaded from http://www.digchip.com at this page

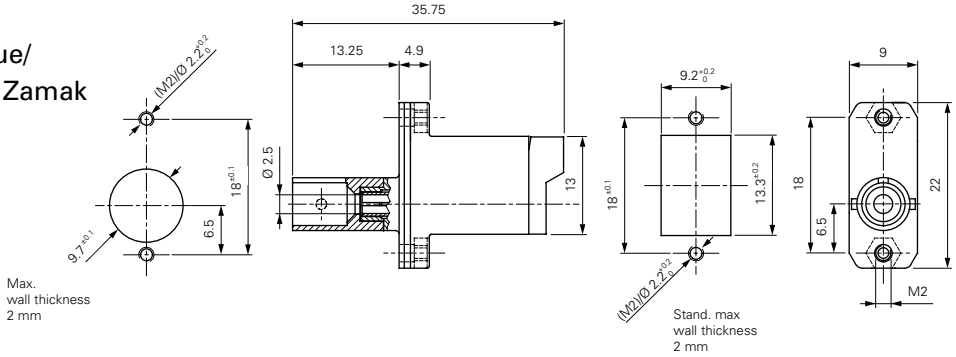
HYB-S*.2 LSH/SC

Mating sleeve: Zirconia
External parts: Plastic



HYB-S0.2 LSH/ST (only with blue body)

Mating sleeve: Zirconia
External parts: 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

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

MECHANICAL KEYING

Body: blue	1
Body: green	2

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

***** Product designation:
Insert **0** for PC application **8** for APC application

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