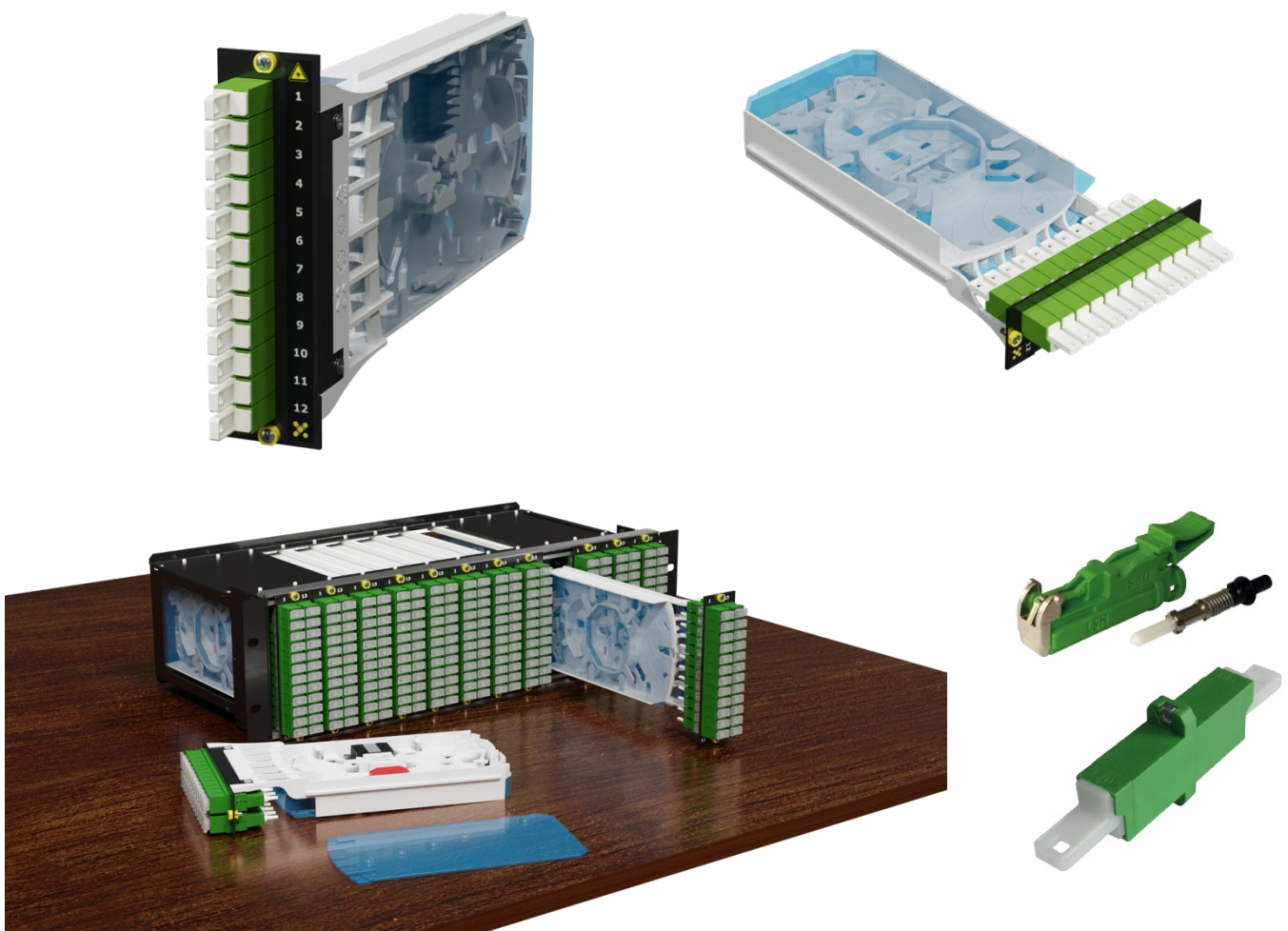


Módulo 3U 7hp para fusão de 12 fibras óticas E2000/APC



Módulo compacto com 3U's de altura e 7hp de largura de instalação individual em sistemas de SubRack 3U.

Cada unidade tem capacidade máxima de 12 ligações óticas em E2000/APC. O painel frontal possui identificação frontal por forma a identificar os ports óticos.

O módulo é embalado em caixa de cartão própria junto com 12 mangas de fusão em tamanho de 45mm.

Existe a possibilidade de incorporar Splitters Óticos em vários rácios de divisão.

Ready to ASSEMBLE

O módulo poderá ser assembled em várias versões de acordo com as especificações de cada cliente:

a) Painei Frontal

- 1) Cinza claro RAL7035
- 2) Preto liso RAL9005

b) Adaptadores E2000/APC

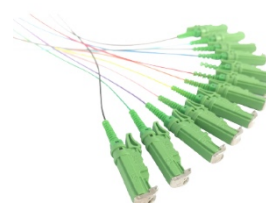
- (1) Standard com fixação frontal por meio de 2 parafusos
- (2) Versão snap-in por meio de patilha de metal
- (3) Versão HIGH POWER com performance até 1000mW/30 dBm

**c) Pigtails E2000/APC easy strip type****(1) Tipo de Fibra**

- (a) G652D
- (b) G657A2

(2) Cores das Fibras

- (a) Branco
- (b) Amarelo
- (c) Codificação às 12 cores em código sequencial do operador*

**(3) Terminação das fibras na zona de fusão**

- (a) Com terminação a 900um em pontas agregadas
- (b) Com terminação 250um, ou seja, com descarte realizado
- (c) Ready-to-Splice, ou seja, com descarte feito e com inserção das mangas de fusão devidamente identificadas 1 a 12

(4) Performance Ótica

- (a) 0,1dB Class $\leq 0,06\text{dB}$ mean | $\leq 0,15\text{dB}$ 97% of sample
- (b) Grade B $\leq 0,12\text{dB}$ mean | $\leq 0,25\text{dB}$ 97% of sample
- (c) Grade C $\leq 0,25\text{dB}$ mean | $\leq 0,50\text{dB}$ 97% of sample
- (d) HIGH POWER $\leq 0,10\text{dB}$ max. com performance até 1000mW/30 dBm



Caraterísticas Técnicas pelo fabricante Suiço success4u



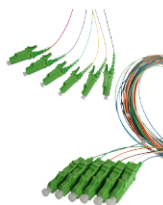
Data Sheet s4u® LSH Pigtails

Numerous applications

BTW – Behind-The-Wall application in high-density passive optical networks

Unique features

- fully compatible to E-2000 products
- cost-optimized design for BTW application
- meets Telcordia GR-0326-CORE requirements for high-density applications
- colored connector boots for easy identification of product variants
- Pigtail-sets with 12 different 0.9mm tube/fiber colors, optionally dashed for 24-fiber sets



Specifications

Compliance	IEC 61754-15, TIA 604-16, RoHS
Alignment technology	Full ceramic ferrule (Zirconia ZrO ₂)
Operating temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	> 1000 mating cycles
Transmission with applied tensile load	GR-0326-CORE 4.4.3.5
Optical performance, insertion loss	Singlemode: $\leq 0.30\text{dB}$
	Multimode: $\leq 0.25\text{dB}$
Optical performance, return loss	Multimode low-loss: $\leq 0.15\text{dB}$
	Singlemode UPC: $\geq 50\text{dB}$
Cable types	Singlemode APC: $\geq 65\text{dB}$
	Multimode: $\geq 35\text{dB}$
Connector end face geometry	0.9mm easy-strip (12 colors + 12 colors dashed)
	0.9mm tight-tube
Tuning	IEC 61755-3
	IEC 61755-3-2



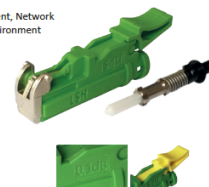
Data Sheet s4u® LSH Connector

Numerous applications

FTTX and CATV Networks, LAN and Data Centers, Test and Measurement, Network Equipment Interface, High Power Optical Amplifiers, Uncontrolled Environment according IEC 61753-021-3

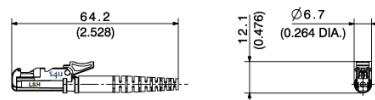
Unique features

- robust design with locked push-pull mechanism
- automatic closing metallic shutter for ferrule end-face protection and laser beam safety
- low loss mating with excellent repeatability
- "0.1dB" class version with PREMIUM connector
- high return loss connection
- replaceable lever with color coding and keying options
- fully compatible to E-2000 products



Specifications

Compliance	IEC 61754-15, TIA 604-16, RoHS
Alignment technology	2.5mm full ceramic ferrule (Zirconia ZrO ₂)
Operating temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	IEC 61300-2-2, > 1000 mating cycles
Fiber, cable retention	IEC 61300-2-4; 100N on 2.0mm cable
Static side load	IEC 61300-2-42; 5N on 2.0mm cable
Flexing of strain relief	IEC 61300-2-44; 5N on 100 bending cycles
Insertion loss, fiber core tunability	IEC 61755-3-1 / IEC 61755-3-2, Grade B, 0.25dB on 97% PREMIUM Version: 0.15dB on 97%
Color housing	blue: singlemode UPC
	green: singlemode APC 8°
	black or beige: multimode





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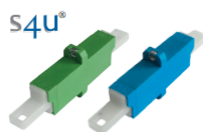
Data Sheet s4u® LSH Simplex Adapter

Numerous applications

Fiber Optic Backbones, CATV and FTTH Networks, Data Centers, High Power Optical Amplifiers

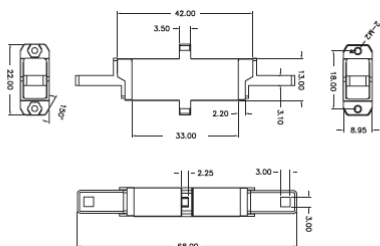
Unique features

- low loss mating with excellent repeatability
- high return loss connection
- robust design with reliable locked push-pull mechanism
- automatically closing metallic laser beam shutter for safety up to 3W
- replaceable frames with color coding or keying options
- semi-transparent dust caps for channel identification with laser pointer



Specifications

Compliance	IEC 61754-15, TIA 604-16, RoHS
Alignment technology	full ceramic sleeve
Operating temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	> 1000 mating cycles
IL repeatability	< 0.1dB



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Data Sheet s4u® HIGH POWER LSH Connector and Adapter

Numerous applications

High Performance Networks with laser power beyond 20dBm, WDM and DWDM transmission, Laser-Amplifiers

Laser performance levels overview:

Performance	Laser class	Performance density W/mm²	Application
5 mW/7 dBm	1	58	
10 mW/10 dBm	1	116	
25 mW/14 dBm	3a	290	
50 mW/17 dBm	3a	580	
100 mW/20 dBm	3b	1160	HP
250 mW/24 dBm	3b	2900	HP
500 mW/27 dBm	3b	5800	HP
1000 mW/30 dBm	4	11600	HP

Unique features

- Metal-free zirconia full ceramic ferrule and precision sleeve for an absolute absence of metal in the optical path
- Full-metal connector- and adapter shutter for active eye protection and contamination prevention
- enhanced ferrule centricity for very low insertion loss
- high return loss preventing damage of transmission equipment
- standard termination technology for repeatable and stable connection over min. 1000mating cycles
- color coding of connector and adapter, laser logo engraved on adapter



Specifications

Compliance	IEC 61754-15, TIA 604-16, RoHS
Operating temperature	-40°C to +85°C
Flammability	UL94 V-0
Durability	IEC 61300-2-2, > 1000 mating cycles
Insertion loss	max. 0.10dB, random
Return loss	min. 85dB

Order information

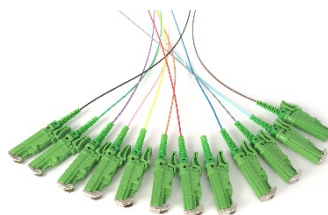
Order Code	Description	Packing
AD-LSH-SX-APC-FR-HP	Fiber Optic Adapter LSH APC Simplex 2-hole flange with nuts, M2 screws, green, red frames, High Power Logo	100
CO-LSH-APC-01DB-T03-LR	Fiber Optic Connector LSH/SM APC 0.1dB TUNED green 0.1dB housing, red lever (high power optimized)	100

*Código de Cores por Operador

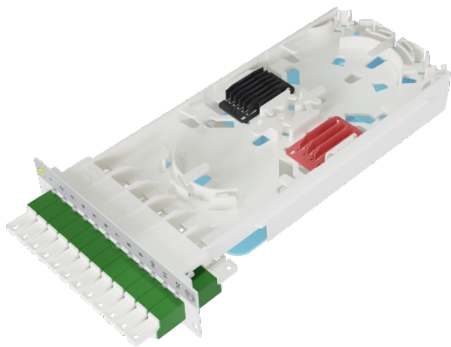
Identificação de Fibras	1-13	Azul
	2-14	Laranja
	3-15	Verde
	4-16	Vermelho
	5-17	Cinza
	6-18	Amarelo
	7-19	Castanho
	8-20	Violeta
	9-21	Rosa
	10-22	Branco
	11-23	Preto
	12-24	Turquesa

Identificação de Fibras	1-13	Branco
	2-14	Vermelho
	3-15	Verde
	4-16	Azul
	5-17	Preto
	6-18	Amarelo
	7-19	Laranja
	8-20	Cinza
	9-21	Castanho
	10-22	Violeta
	11-23	Rosa
	12-24	Turquesa

Identificação de Fibras	1	Green
	2	Red
	3	Blue
	4	Yellow
	5	Grey
	6	Violet
	7	Brown
	8	Orange
	9	White
	10	Black
	11	Pink
	12	Turquoise



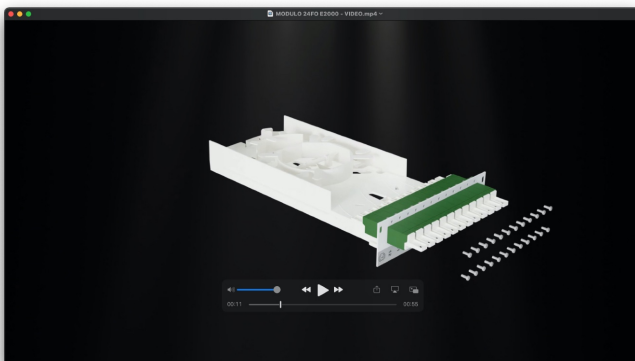
Opção com incorporação de Splitters Óticos pré-conectorizados



Configurações possíveis

- ✂ 4unid Splitter 1:2
- ✂ 2unid Splitter 1:4
- ✂ 1unid Splitter 1:8
- ✂ 3unid Splitter 2:2
- ✂ 2unid Splitter 2:4
- ✂ 1unid Splitter 2:8

Vídeo online de demonstração



SCAN ME

<https://drive.google.com/file/d/15ey5tMebjQlcnsGFLf2llrd7Pdiloitg/view>

YOU SAY TELCO. WE SAY

Yeah.

Fim da especificação técnica
V3_Proj FA082

