MICROPOL

NETWORKS

PRODUCT CATALOGUE
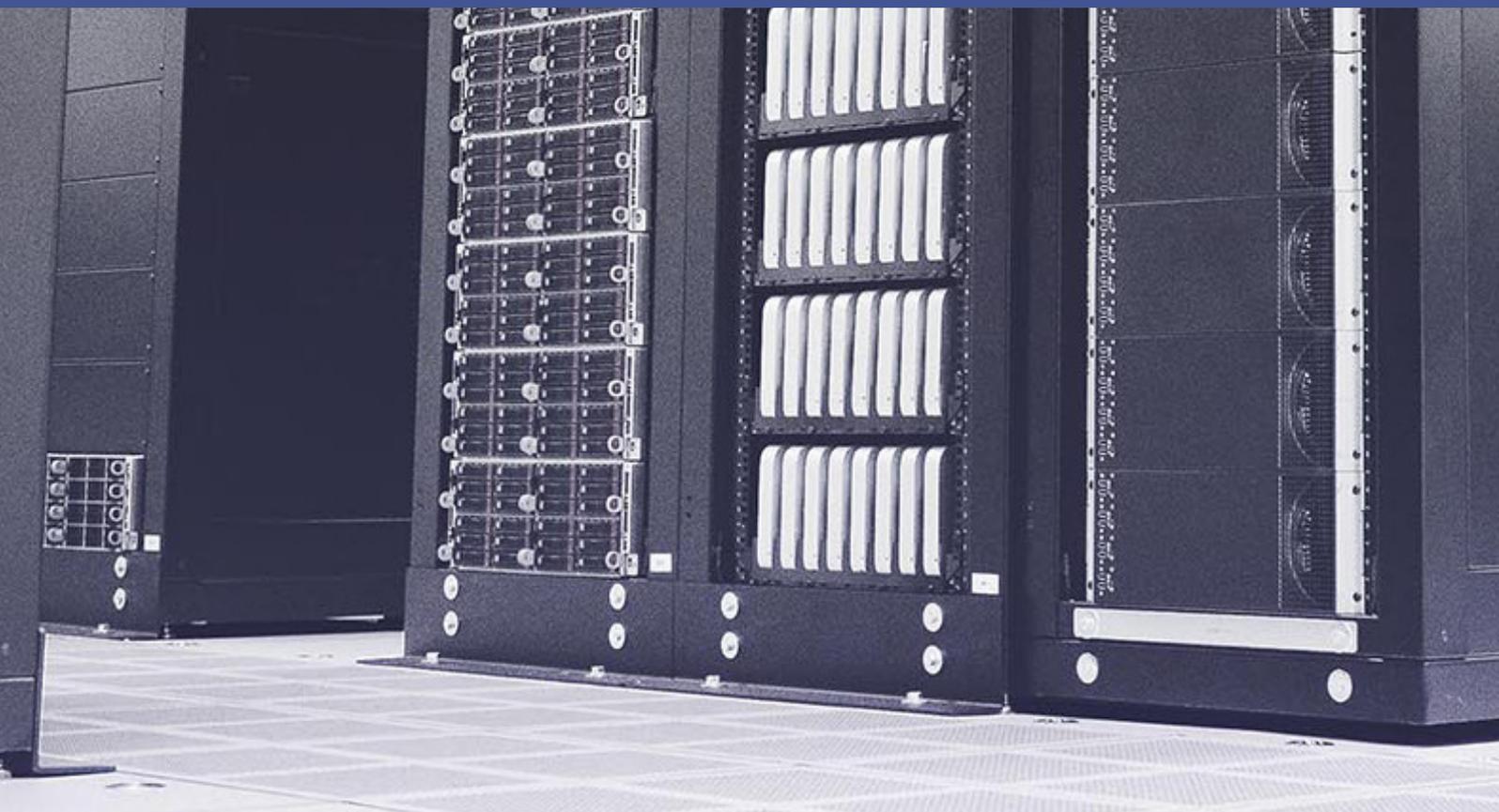
WE ARE MICROPOL

At Micropol we combine unique design and production technology to offer more complex and compact solutions for passive fiber optics than any other supplier on the market. Our work is of extreme high precision and we are known for providing short lead times, high quality and customized applications.

Regardless of the application, we have the knowledge and the capacity of manufacture the product needed – either according to the customer's specification or as a specially tailored solution. All our products are manufactured in our own facility in Sweden.

Our customers are found in a large variety of markets where advanced fiber optic solutions are crucial. Our products are used in a whole range of technologies, from complex fiber optic networks for telecom and data communication, to advanced sensor systems for industrial (e.g. mining, forest and offshore), medical and military applications

We are proud to be a vital link between the information community of today and that of the future. We have always built our success on long term relations, knowledge and solid craftmanship to provide the highest quality and the best service.

OUR SEGMENTS

NETWORK SOLUTIONS

HARSH ENVIRONMENT SOLUTIONS

INFORMATION AT THE SPEED OF LIGHT

Something we can say with certainty about the future is that more and more information will be sent digitally. In Telecom & Broadcast we often sell key parts of the network where quality requirements are the highest. Complex fiber optic networks to connect people. At the speed of light.

We provide solutions for passive fiber optic networks for data and telecom. Our fiber optic cables and connectors are used in data centers, backbones and TV broadcast.

We manufacture according to a joint agreement or according to your requirements. All of our optical cabling is produced in Sweden and all products are thouroghly tested before delivery.

We offer timesaving solutions of high quality such as patchcords, pre manufactured ODF boxes (Optical Distribution Frame) and interconnection cables. You name IT, we make IT. We have the capacity to manufacture in both small and larger volumes. Micropol's state of the art polishing technique will guarantee the highest degree of product satisfaction.

As a LEMO certified service partner, Micropol manages all repairs and refurbishments of Lemo connectors and cables, with customers from all Nordic countries.

INDEX

LIGHTFRAME MODULAR - ODF

Lightframe Modular is a stackable ODF that is just 44 mm high (1U). Lack of space continues to be a challenge when fibernets expand. Lightframe Modular is a surface efficient solution which creates more space in nodes and data centers.

Lightframe Modular is designed to save time on site. The back piece on the box is pre-assembled. If you need to remove it, you easily snap it off. The cable is fixed by the next unit or by the lid.

The ODF is designed with a protective frame to facilitate fixing of the fibers and for marking.

Lightframe Modular is delivered with tailor made welding sleeve holders, which makes it easy to weld. The welding sleeve is placed where the installer finds it suitble to minimize strain on the fiber. This means that you do not need a splice tray in the box.

By delivering the Lightframe modular in four different variants and with the customized numbering on the font (vertical or horizontal marking), Lightframe Modular is prepared for the future's fibre nets.
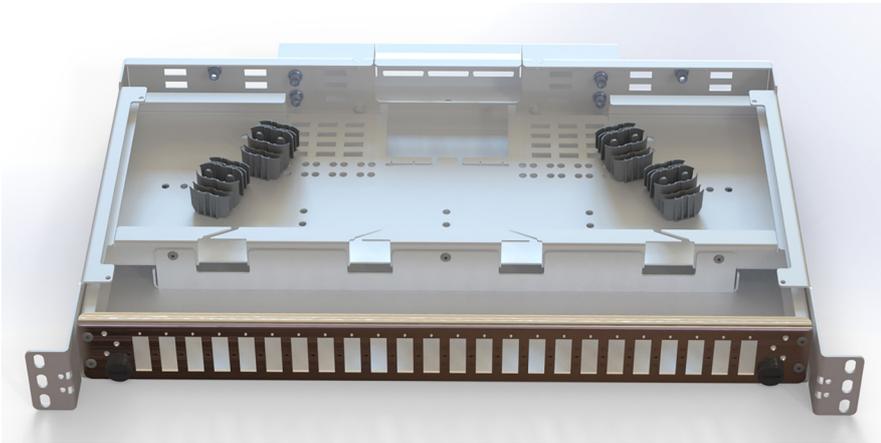
TECHNICAL SPECIFICATION	
Measure-ments	482x301x44 mm
Height	1 unit 44 mm 2 units 88 mm 4 units 176 mm

FEATURES

- Modular and only 44mm high

- The welding sleeve holder is placed where the installer finds it suitable to minimize strain on the fiber.

- The cable cover is fixed by the next unit or by the lid

- The ODF is equipped with a protective frame to facilitate fixing of the fibers and for marking

- Customized print on the front (vertical or horizontal)

Lightframe modular is available in the following variants :
1. ODF
2. ODF with adapters
3. Pre-assembled ODF with pigtails
4. Pre fabricated ODF

Contact us for more information about our Lightframe Modular variants.

LIGHT FRAME MODULAR EMPTY

E-number	Article number	Description
50 552 14	ODF-LFM-48-SCD	ODF-19-LFM-1HE-24xSCDPLX
50 552 15	ODF-LFM-96-SCD	ODF-19-LFM-2HE-48xSCDPLX
50 552 16	ODF-LFM-144-SCD	ODF-19-LFM-3HE-72xSCDPLX
50 552 17	ODF-LFM-192-SCD	ODF-19-LFM-4HE-96xSCDPLX

E-number	Article number	Description
50 552 18	ODF-LFM-96-LCQ	ODF-19-LFM-1HE-24xLCQUAD
50 552 19	ODF-LFM-192-LCQ	ODF-19-LFM-2HE-48xLCQUAD
50 552 22	ODF-LFM-288-LCQ	ODF-19-LFM-3HE-72xLCQUAD
50 552 23	ODF-LFM-384-LCQ	ODF-19-LFM-4HE-96xLCQUAD

# LIGHT FRAME MODULAR WITH ADAPTERS

E-number	Article number	Description
50 552 24	ODF-LFM-48-08	ODF-19-LFM-1HE-24xSCU-MST
50 552 25	ODF-LFM-96-08	ODF-19-LFM-2HE-48xSCU-MST
50 552 26	ODF-LFM-144-08	ODF-19-LFM-3HE-72xSCU-MST
50 552 27	ODF-LFM-192-08	ODF-19-LFM-4HE-96XSCU-MST

E-number	Article number	Description
50 552 28	ODF-LFM-48-17	ODF-19-LFM-1HE-24xSCA-MST
50 552 29	ODF-LFM-96-17	ODF-19-LFM-2HE-48xSCA-MST
50 552 30	ODF-LFM-144-17	ODF-19-LFM-3HE-72xSCA-MST
50 552 31	ODF-LFM-192-17	ODF-19-LFM-4HE-96xSCA-MST

E-number	Article number	Description
50 552 32	ODF-LFM-96-62	ODF-19-LFM-1HE-24xLCU-MST
50 552 33	ODF-LFM-192-62	ODF-19-LFM-1HE-48xLCU-MST
50 552 34	ODF-LFM-288-62	ODF-19-LFM-1HE-72xLCU-MST
50 552 35	ODF-LFM-384-62	ODF-19-LFM-1HE-96xLCU-MST

| E-number	Article number	Description
50 552 36	ODF-LFM-96-63	ODF-19-LFM-1HE-24xLCA-MST
50 552 37	ODF-LFM-192-63	ODF-19-LFM-2HE-48xLCA-MST
50 552 38	ODF-LFM-288-63	ODF-19-LFM-3HE-72xLCA-MST
50 552 39	ODF-LFM-384-63	ODF-19-LFM-4HE-96xLCA-MST

LIGHTFRAME MODULAR PRE-ASSEMBLED WITH PIGTAILS
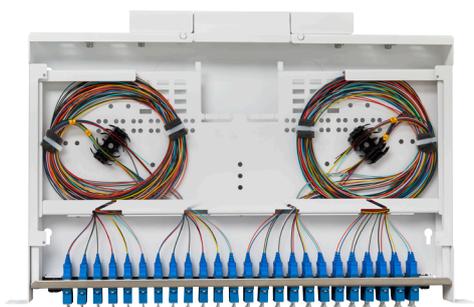
E-number	Article number	Description
50 552 40	BES-ODF-LFM-48-08	ODF BEST LFM 1HE 48 SCU PIG
50 552 41	BES-ODF-LFM-96-08	ODF BEST LFM 2HE 96 SCU PIG
50 552 42	BES-ODF-LFM-144-08	ODF BEST LFM 3HE 144 SCU PIG
50 552 43	BES-ODF-LFM-192-08	ODF BEST LFM 4HE 196 SCU PIG

E-number	Article number	Description
50 552 44	BES-ODF-LFM-48-17	ODF BEST LFM 1HE 48 SCA PIG
50 552 45	BES-ODF-LFM-96-17	ODF BEST LFM 2HE 96 SCA PIG
50 552 46	BES-ODF-LFM-144-17	ODF BEST LFM 3HE 144 SCA PIG
50 552 47	BES-ODF-LFM-192-17	ODF BEST LFM 4HE 192 SCA PIG

E-number	Article number	Description
50 552 48	BES-ODF-LFM-96-62	ODF BEST LFM 1HE 96 LCU PIG
50 552 49	BES-ODF-LFM-192-62	ODF BEST LFM 2HE 192 LCU PIG
50 552 50	BES-ODF-LFM-288-62	ODF BEST LFM 3HE 288 LCU PIG
50 552 51	BES-ODF-LFM-384-62	ODF BEST LFM 4HE 384 LCU PIG

E-number	Article number	Description
50 552 52	BES-ODF-LFM-96-63	ODF BEST LFM 1HE 96 LCA PIG
50 552 53	BES-ODF-LFM-192-63	ODF BEST LFM 2HE 192 LCA PIG
50 552 54	BES-ODF-LFM-288-63	ODF BEST LFM 3HE 288 LCA PIG
50 552 55	BES-ODF-LFM-384-63	ODF BEST LFM 4HE 384 LCA PIG

LIGHT FRAME MODULAR PREFAB
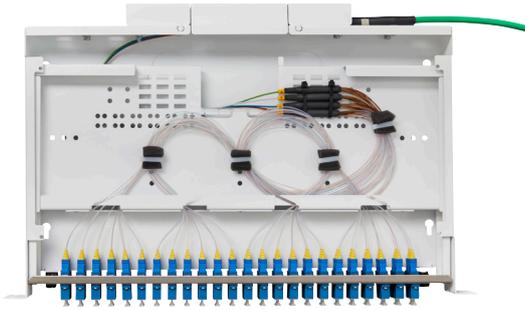
E-number	Article number	Description	Length
50 272 91	LFM-GAHSQ-480810	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	10 m
50 272 92	LFM-GAHSQ-480820	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	20 m
50 272 93	LFM-GAHSQ-480830	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	30 m
50 272 94	LFM-GAHSQ-480850	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	50 m
50 272 95	LFM-GAHSQ-4808100	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	100 m

E-number	Article number	Description	Length
50 272 96	LFM-GAHSQ-960810	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCUPC/STUBB	10 m
50 272 97	LFM-GAHSQ-960820	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCUPC/STUBB	20 m
50 272 98	LFM-GAHSQ-960830	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCUPC/STUBB	30 m
50 272 99	LFM-GAHSQ-960850	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCUPC/STUBB	50 m
50 273 00	LFM-GAHSQ-9608100	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCUPC/STUBB	100 m

E-number	Article number	Description	Length
50 273 01	LFM-GAHSQ-966210	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCUPC/STUBB	10 m
50 273 02	LFM-GAHSQ-966220	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCUPC/STUBB	20 m
50 273 03	LFM-GAHSQ-966230	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCUPC/STUBB	30 m
50 273 04	LFM-GAHSQ-966250	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCUPC/STUBB	50 m
50 273 05	LFM-GAHSQ-9662100	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCUPC/STUBB	100 m

E-number	Article number	Description	Length
50 273 06	LFM-GAHSQ-1926210	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-SCUPC/STUBB	10 m
50 273 07	LFM-GAHSQ-1926220	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-SCUPC/STUBB	20 m
50 273 08	LFM-GAHSQ-1926230	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-SCUPC/STUBB	30 m
50 273 09	LFM-GAHSQ-1926250	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-SCUPC/STUBB	50 m
50 273 10	LFM-GAHSQ-19262100	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-SCUPC/STUBB	100 m

| E-number	Article number	Description	Length
50 273 11	LFM-GAHSQ-481710	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	10 m
50 273 12	LFM-GAHSQ-481720	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	20 m
50 273 13	LFM-GAHSQ-481730	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	30 m
50 273 14	LFM-GAHSQ-481750	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	50 m
50 273 15	LFM-GAHSQ-4817100	PREF-ODF-LFM-19"-GAHSQ-S12-48XSM-SCUPC/STUBB	100 m

LIGHT FRAME MODULAR PREFAB

E-number	Article number	Description	Length
50 273 16	LFM-GAHSQ-961710	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCAPC/STUBB	10 m
50 273 17	LFM-GAHSQ-961720	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCAPC/STUBB	20 m
50 273 18	LFM-GAHSQ-961730	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCAPC/STUBB	30 m
50 273 19	LFM-GAHSQ-961750	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCAPC/STUBB	50 m
50 273 20	LFM-GAHSQ-9617100	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-SCAPC/STUBB	100 m

E-number	Article number	Description	Length
50 273 21	LFM-GAHSQ-966310	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCAPC/STUBB	10 m
50 273 22	LFM-GAHSQ-966320	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCAPC/STUBB	20 m
50 273 23	LFM-GAHSQ-966330	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCAPC/STUBB	30 m
50 273 24	LFM-GAHSQ-966350	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCAPC/STUBB	50 m
50 273 25	LFM-GAHSQ-9663100	PREF-ODF-LFM-19"-GAHSQ-S12-96XSM-LCAPC/STUBB	100 m

E-number	Article number	Description	Length
50 273 26	LFM-GAHSQ-1926310	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-LCAPC/STUBB	10 m
50 273 27	LFM-GAHSQ-1926320	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-LCAPC/STUBB	20 m
50 273 28	LFM-GAHSQ-1926330	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-LCAPC/STUBB	30 m
50 273 29	LFM-GAHSQ-1926350	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-LCAPC/STUBB	50 m
50 273 30	LFM-GAHSQ-19263100	PREF-ODF-LFM-19"-GAHSQ-S12-192XSM-LCAPC/STUBB	100 m
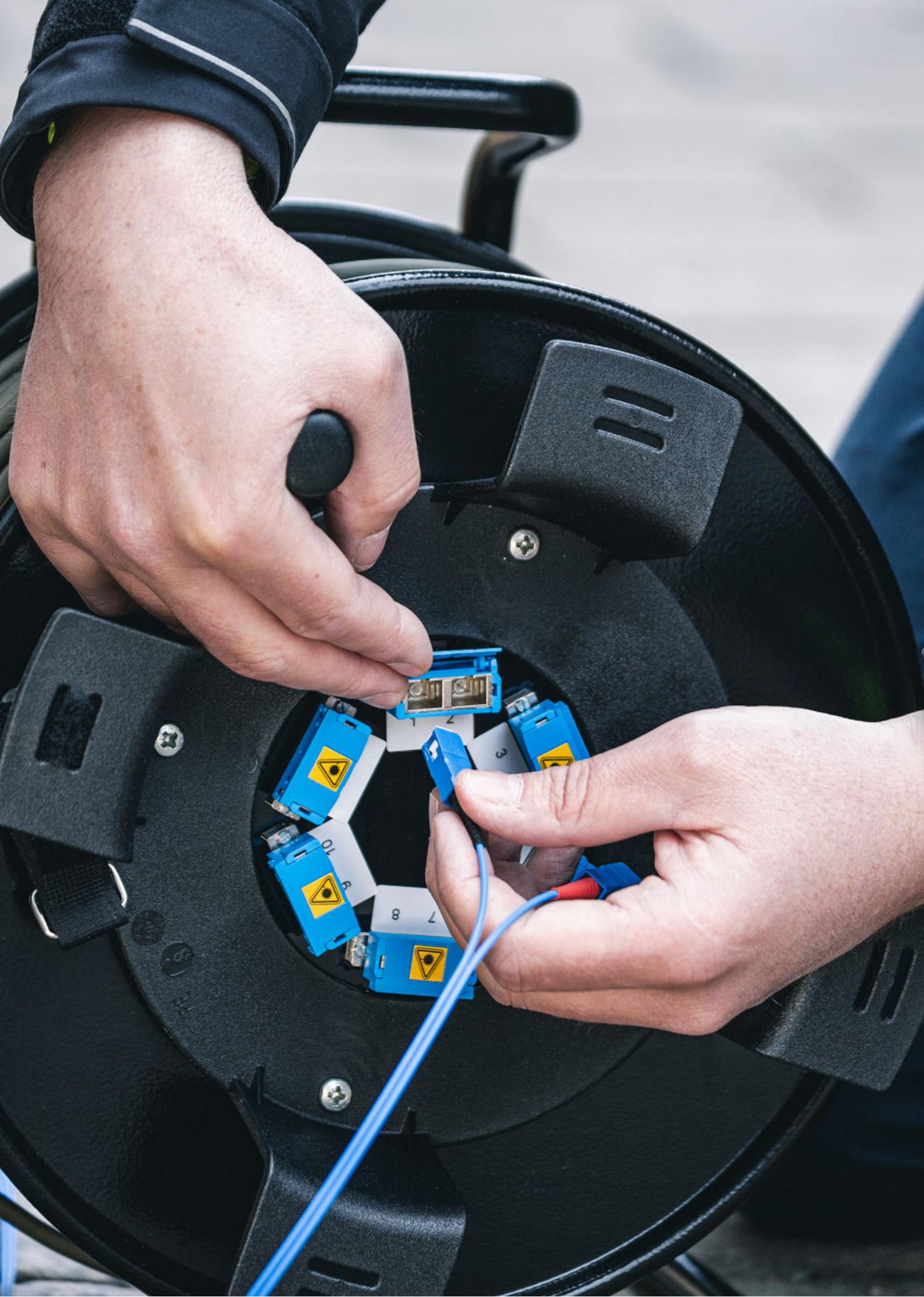
EVENT REEL

Description: The event fiber reel is adapted for tough environments which makes it excellent for sporting events, concerts and live broadcasts. The event reel is also used as an emergency solution in the event of an unwanted cable cut or other fiber breaks.

The low weight of the product and and length adjustment mean that several city networks and media production companies have different variants to cover the need of fiber in different types of events.

The event reel is customized according to your needs.

Article number	Description	Pack
300-05001240808-01	REEL-HT300-HD-2xSM-SCUPC/SCUPC-CENTER-BAYONET-50m	pce
300-10001480808-01	REEL-HT300-HD-4xSM-SCUPC/SCUPC-CENTER-BAYONET-100m	pce
380-2500112240862-01	REEL-HT380-HD-12xSM-SCUPC/LCUPC-CENTER-BAYONET-250m	pce

ADAPTER
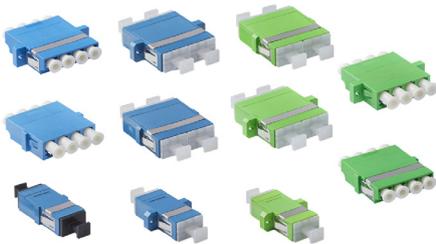
Description: Adapters are used for mounting in panels with rectangular cut outs. The adapters are compact and space saving with ceramic sleeves, which provide precision mating for both multi mode and single mode applications.

E-number	Article number	Description	Pack
50 632 57	MST-08-SFBL	Adapter SM SCU/SCU SPLX SN/FL Zr Blue	pce
50 632 60	MST-08-DFBL	Adapter SM SCU/SCU DPLX SN/FL Zr Blue	pce
50 632 63	MST-08-DSBL	Adapter SM SCU/SCU DPLX SN Zr Blue	pce
50 632 64	MST-17-SFGR	Adapter SM SCA/SCA SPLX SN/FL Zr Green	pce
50 632 65	MST-17-DFGR	Adapter SM SCA/SCA DPLX SN/FL Zr Green	pce
50 632 66	MST-17-DSGR	Adapter SM SCA/SCA DPLX SN Zr Green	pce
50 632 39	MST-62-QFBL	Adapter SM LCU/LCU QUAD "SCD" SN/FL Zr Blue	pce
50 632 40	MST-63-QFGR	Adapter SM 4xLCA FL Zr Green	pce
50 632 41	MST-62-QSGR	Adapter SM 4xLCU SN Zr Blue	pce
50 632 42	MST-62-QSBL	Adapter SM 4xLCA SN Zr Green	pce

BLIND PLUG

Description: Used to tighten SC-simplex or SC-duplex hole in a ODF, as an example.

E-number	Article number	Description	Pack
50 574 25	9935501	Blind plug SC Duplex, Black	pce
50 574 26	9935503	Blind plug SC Simplex, Black	pce

PIGTAIL

Description: Micropol's high quality pigtail is designed to deliver optical prestanda for future bandwidth requirements. The product is well protected and the connectors are sorted in numerical order to facilitate installation.
We customize according to your need - length, type of fiber or connectors.

E-number	Article number	Description	Length	Pack
50 755 43	S00151110899-12-S12	SL PIGTAIL 0,9MM SM G657 SCUPC S12	1 ,5 m	12 pce
50 755 55	S00151111799-12-S12	SL PIGTAIL 0,9MM SM G657 SCAPC S12	1 ,5 m	12 pce
50 755 54	S00151116299-12-S12	SL PIGTAIL 0,9MM SM G657 LCUPC S12	1,5 m	12 pce
50 755 60	S00151116399-12-S12	SL PIGTAIL 0,9MM SM G657 LCAPC S12	1,5 m	12 pce

CLEANING KIT

Content: Cleaning sticks, cleaning wipes, cleaning fluid, flash light

Measurement: 20 x 12 x 12 cm.

Weight: 0,78 kg.

Description: Does not contain any hazardous substances that requires extra documentation or extra costs in air transport. Cleaning fluid is safe to bring on air transport and is self-extinguishing. Non hygroscopic cleaning fluid to clean optical glass and plastic fiber. POF. (A hygroscopic liquid absorbs moisture from ambient air leading to dirt particles contaminating the liquid, which can cause scratches on the fiber surface) Refill list for easy ordering of additional items when needed.

E-number	Article number	Description	Pack
16 491 23	RK-04	Cleaningkit-04	pce

REFILL CLEANING KIT

E-number	Article number	Description
16 639 31	RF-FA1	CleanWipes™ 50 pcs
16 639 32	RF-POC03M	Spray Universal
16 639 33	RF-S12	Cleanstixx™ 1,25mm, box 50 pcs
16 639 34	RF-S25	Cleanstixx™ 2,5mm, box 50 pcs
16 639 35	RF-WCS100	CleanWipes™ 100 pcs

CLEANING PEN "ONE-CLICK"

Description: A mechanical cleaning tool designed to clean opto connectors in ODF's or adapters. Equipped with a first class cleaning wire designed to easily and safely remove dirt from the contact surface. Cleans with a click. Extendible for access to hard to reach areas. Suitable for telecom centers, data centers, CATV, FTTx-networks, outside broadcasting, military and civil aviation industry.

Quantity of cleanings per pen: 525+ (MTP / MPO 600+).

E-number	Article number	Description	Pack
16 491 24	RP-1,25	Cleaning pen 1,25	pce
16 491 25	RP-2,5	Cleaning pen 2,5	pce
16 491 26	RP-MPO	Cleaning pen MPO	pce

WELDING ACCESSORIES

Description: Welding sleeves for protection of fiber optical splices. Available for ribbon and single fiber.

E-number	Article number	Description	Pack
5073726	99100	Welding sleeve single fiber 60mm	pce
5073725	PS-3A-X35	Welding sleeve single fiber 35mm	pce
5062810	99400	Welding sleeve ribbon 4/8/12 40mm	pce
5062706	99500	Welding ribbon 2/4 40mm	pce

REFERENCE FIBER

Reference fiber: The reference fiber is clearly marked and measurement protocol and interferometer protocol are supplied. Each case is individually numbered and all measurement data is saved in Micropol's database. Relevant protocols are updated in the event of repair/replacement of connectors. Other types of reference fiber are also manufactured. Use the reference fiber with your choice of fiber.

Height: 50 mm
Width: 170 mm
Depth: 120 mm
Length: up to 1000 m

Article number	Description	Pack
LF-1-0817-150	LAUNCH-FIBER-POP-UP-1xSM-SCUPC/SCAPC-150m-G652.D	pce
LF-1-0862-500	LAUNCH-FIBER-POP-UP-1xSM-SCUPC/LCUPC-500m-G652.D	pce
LF-1-0808-1000	LAUNCH-FIBER-POP-UP-1xSM-SCUPC/SCUPC-1000m-G652.D	pce
LF-1-0863-1000	LAUNCH-FIBER-POP-UP-1xSM-SCUPC/LCAPC-1000m-G652.D	pce

PATCHCORDS SIMPLEX
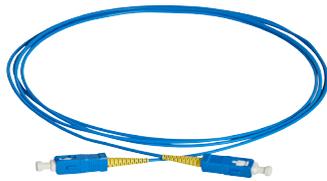
SCU/SCU

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with SCUPC-SCUPC

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Pack
50 741 79	00101120808	BL Patchcord 1xSM SCUPC/SCUPC	1 m
50 741 80	00201120808	BL Patchcord 1xSM SCUPC/SCUPC	2 m
50 741 81	00301120808	BL Patchcord 1xSM SCUPC/SCUPC	3 m
50 739 13	00401120808	BL Patchcord 1xSM SCUPC/SCUPC	4 m
50 741 82	00501120808	BL Patchcord 1xSM SCUPC/SCUPC	5 m

SCU/LCU

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with SCUPC to LCUPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 739 38	00101120862	BL Patchcord 1xSM SCUPC/LCUPC	1 m	pce
50 739 39	00201120862	BL Patchcord 1xSM SCUPC/LCUPC	2 m	pce
50 739 40	00301120862	BL Patchcord 1xSM SCUPC/LCUPC	3 m	pce
50 739 48	00401120862	BL Patchcord 1xSM SCUPC/LCUPC	4 m	pce
50 739 49	00501120862	BL Patchcord 1xSM SCUPC/LCUPC	5 m	pce

LCU/LCU

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with LCUPC-LCUPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 742 41	00101126262	BL Patchcord 1xSM LCUPC/LCUPC	1 m	pce
50 742 47	00201126262	BL Patchcord 1xSM LCUPC/LCUPC	2 m	pce
50 742 88	00301126262	BL Patchcord 1xSM LCUPC/LCUPC	3 m	pce
50 742 89	00401126262	BL Patchcord 1xSM LCUPC/LCUPC	4 m	pce
50 743 09	00501126262	BL Patchcord 1xSM LCUPC/LCUPC	5 m	pce
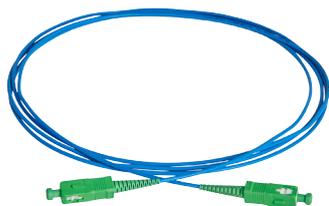
SCA/SCA

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with SCAPC-SCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 741 59	00101121717	BL Patchcord 1xSM SCAPC/SCAPC	1 m	pce
50 741 60	00201121717	BL Patchcord 1xSM SCAPC/SCAPC	2 m	pce
50 741 61	00301121717	BL Patchcord 1xSM SCAPC/SCAPC	3 m	pce
50 739 85	00401121717	BL Patchcord 1xSM SCAPC/SCAPC	4 m	pce
50 741 62	00501121717	BL Patchcord 1xSM SCAPC/SCAPC	5 m	pce
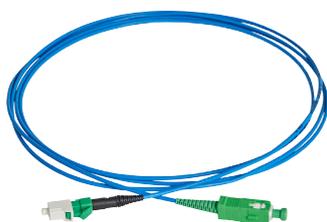
SCA/LCA

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with SCAPC to LCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 750 02	00101121763	BL Patchcord 1xSM SCAPC/LCAPC	1 m	pce
50 750 04	00201121763	BL Patchcord 1xSM SCAPC/LCAPC	2 m	pce
50 750 06	00301121763	BL Patchcord 1xSM SCAPC/LCAPC	3 m	pce
50 750 08	00401121763	BL Patchcord 1xSM SCAPC/LCAPC	4 m	pce
50 750 09	00501121763	BL Patchcord 1xSM SCAPC/LCAPC	5 m	pce
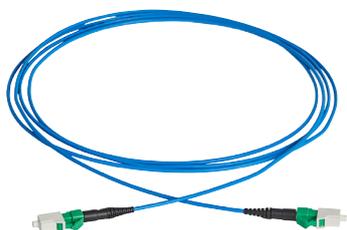
LCA/LCA

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with LCAPC-LCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 748 66	00101126363	BL Patchcord 1xSM LCAPC/LCAPC	1 m	pce
50 748 67	00201126363	BL Patchcord 1xSM LCAPC/LCAPC	2 m	pce
50 748 68	00301126363	BL Patchcord 1xSM LCAPC/LCAPC	3 m	pce
50 748 70	00401126363	BL Patchcord 1xSM LCAPC/LCAPC	4 m	pce
50 748 74	00501126363	BL Patchcord 1xSM LCAPC/LCAPC	5 m	pce
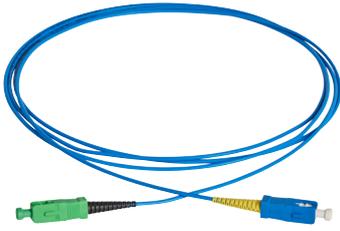
SCU/SCA

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with SCUPC to SCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 741 83	00101120817	BL Patchcord 1xSM SCUPC/SCAPC	1 m	pce
50 741 84	00201120817	BL Patchcord 1xSM SCUPC/SCAPC	2 m	pce
50 741 85	00301120817	BL Patchcord 1xSM SCUPC/SCAPC	3 m	pce
50 739 75	00401120817	BL Patchcord 1xSM SCUPC/SCAPC	4 m	pce
50 741 86	00501120817	BL Patchcord 1xSM SCUPC/SCAPC	5 m	pce
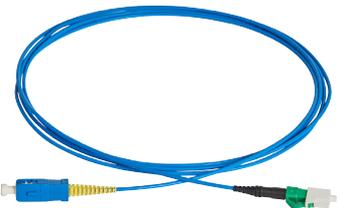
SCU/LCA

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with SCUPC to LCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 748 14	00101120863	BL Patchcord 1xSM SCUPC/LCAPC	1 m	pce
50 748 16	00201120863	BL Patchcord 1xSM SCUPC/LCAPC	2 m	pce
50 748 18	00301120863	BL Patchcord 1xSM SCUPC/LCAPC	3 m	pce
50 748 20	00401120863	BL Patchcord 1xSM SCUPC/LCAPC	4 m	pce
50 748 24	00501120863	BL Patchcord 1xSM SCUPC/LCAPC	5 m	pce
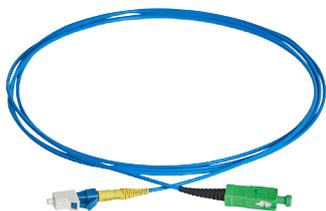
SCA/LCU

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with SCAPC to LCUPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 742 19	00101121762	BL Patchcord 1xSM SCAPC/LCUPC	1 m	pce
50 742 23	00201121762	BL Patchcord 1xSM SCAPC/LCUPC	2 m	pce
50 742 26	00301121762	BL Patchcord 1xSM SCAPC/LCUPC	3 m	pce
50 742 34	00401121762	BL Patchcord 1xSM SCAPC/LCUPC	4 m	pce
50 742 35	00501121762	BL Patchcord 1xSM SCAPC/LCUPC	5 m	pce
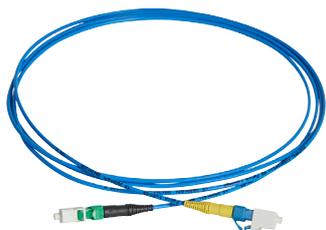
LCU/LCA

Description: Simplex Patchcord Singlemode is manufactured in 0,5-20 meter length. Pre-contracted with LCUPC to LCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 748 38	00101126263	BL Patchcord 1xSM LCUPC/LCAPC	1 m	pce
50 748 44	00201126263	BL Patchcord 1xSM LCUPC/LCAPC	2 m	pce
50 748 46	00301126263	BL Patchcord 1xSM LCUPC/LCAPC	3 m	pce
50 748 48	00401126263	BL Patchcord 1xSM LCUPC/LCAPC	4 m	pce
50 748 54	00501126263	BL Patchcord 1xSM LCUPC/LCAPC	5 m	pce

PATCHCORDS DUPLEX
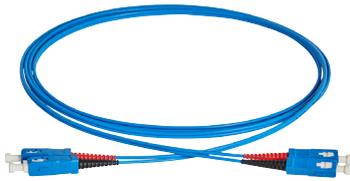
SCU/SCU

Description: Duplex Patchcord 2xSinglemode is manufactured in 0,5-20 meter length. Pre-contracted with SCUPC-SCUPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 736 96	00101240808	BL Patchcord 2xSM SCUPC/SCUPC	1 m	pce
50 736 97	00201240808	BL Patchcord 2xSM SCUPC/SCUPC	2 m	pce
50 736 98	00301240808	BL Patchcord 2xSM SCUPC/SCUPC	3 m	pce
50 756 49	00401240808	BL Patchcord 2xSM SCUPC/SCUPC	4 m	pce
50 737 00	00501240808	BL Patchcord 2xSM SCUPC/SCUPC	5 m	pce

SCU/LCU

Description: Duplex Patchcord 2xSinglemode is manufactured in 0,5-20 meter length. Pre-contracted with SCUPC to LCUPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 739 38	00101120862	BL Patchcord 2xSM SCUPC/LCUPC	1 m	pce
50 739 39	00201120862	BL Patchcord 2xSM SCUPC/LCUPC	2 m	pce
50 739 40	00301120862	BL Patchcord 2xSM SCUPC/LCUPC	3 m	pce
50 739 48	00401120862	BL Patchcord 2xSM SCUPC/LCUPC	4 m	pce
50 739 49	00501120862	BL Patchcord 2xSM SCUPC/LCUPC	5 m	pce
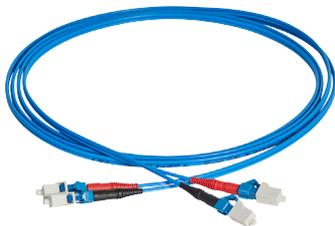
LCU/LCU

Description: Duplex Patchcord 2xSinglemode is manufactured in 0,5-20 meter length. Pre-contracted with LCUPC-LCUPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

| E-number	Article number	Description	Length	Pack
50 741 47	00101246262	BL Patchcord 2xSM LCUPC/LCUPC	1 m	pce
50 741 48	00201246262	BL Patchcord 2xSM LCUPC/LCUPC	2 m	pce
50 741 49	00301246262	BL Patchcord 2xSM LCUPC/LCUPC	3 m	pce
50 733 17	00401246262	BL Patchcord 2xSM LCUPC/LCUPC	4 m	pce
50 741 50	00501246262	BL Patchcord 2xSM LCUPC/LCUPC	5 m	pce
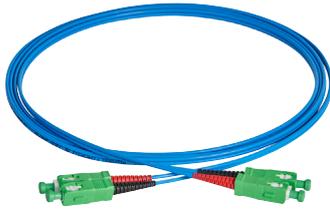
SCA/SCA

Description: Duplex Patchcord 2xSinglemode is manufactured in 0,5-20 meter length. Pre-contracted with SCAPC-SCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 737 11	00101241717	BL Patchcord 2xSM SCAPC/SCAPC	1 m	pce
50 737 12	00201241717	BL Patchcord 2xSM SCAPC/SCAPC	2 m	pce
50 737 13	00301241717	BL Patchcord 2xSM SCAPC/SCAPC	3 m	pce
50 757 17	00401241717	BL Patchcord 2xSM SCAPC/SCAPC	4 m	pce
50 737 15	00501241717	BL Patchcord 2xSM SCAPC/SCAPC	5 m	pce
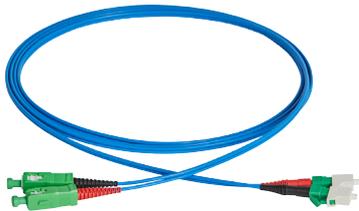
SCA/LCA

Description: Duplex Patchcord 2xSinglemode is manufactured in 0,5-20 meter length. Pre-contracted with SCAPC to LCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 757 27	00101241763	BL Patchcord 2xSM SCAPC/LCAPC	1 m	pce
50 757 28	00201241763	BL Patchcord 2xSM SCAPC/LCAPC	2 m	pce
50 757 29	00301241763	BL Patchcord 2xSM SCAPC/LCAPC	3 m	pce
50 757 34	00401241763	BL Patchcord 2xSM SCAPC/LCAPC	4 m	pce
50 757 36	00501241763	BL Patchcord 2xSM SCAPC/LCAPC	5 m	pce
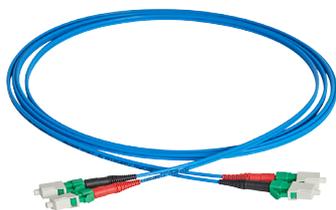
LCA/LCA

Description: Duplex Patchcord 2xSinglemode is manufactured in 0,5-20 meter length. Pre-contracted with LCAPC-LCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 733 61	00101246363	BL Patchcord 2xSM LCAPC/LCAPC	1 m	pce
50 733 98	00201246363	BL Patchcord 2xSM LCAPC/LCAPC	2 m	pce
50 733 99	00301246363	BL Patchcord 2xSM LCAPC/LCAPC	3 m	pce
50 735 99	00401246363	BL Patchcord 2xSM LCAPC/LCAPC	4 m	pce
50 738 01	00501246363	BL Patchcord 2xSM LCAPC/LCAPC	5 m	pce
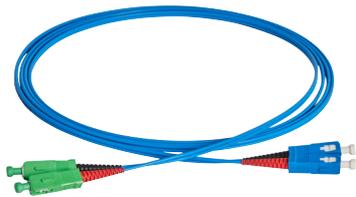
SCU/SCA

Description: Duplex Patchcord 2xSinglemode is manufactured in 0,5-20 meter length. Pre-contracted with SCUPC to SCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

| E-number	Article number	Description	Length	Pack
50 741 88	00101240817	BL Patchcord 2xSM SCUPC/SCAPC	1 m	pce
50 741 89	00201240817	BL Patchcord 2xSM SCUPC/SCAPC	2 m	pce
50 741 90	00301240817	BL Patchcord 2xSM SCUPC/SCAPC	3 m	pce
50 757 16	00401240817	BL Patchcord 2xSM SCUPC/SCAPC	4 m	pce
50 741 91	00501240817	BL Patchcord 2xSM SCUPC/SCAPC	5 m	pce
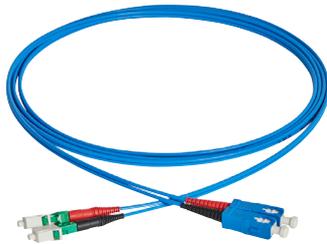
SCU/LCA

Description: Duplex Patchcord 2xSinglemode is manufactured in 0,5-20 meter length. Pre-contracted with SCUPC to LCAPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 756 74	00101240863	BL Patchcord 2xSM SCUPC/LCAPC	1 m	pce
50 756 79	00201240863	BL Patchcord 2xSM SCUPC/LCAPC	2 m	pce
50 756 84	00301240863	BL Patchcord 2xSM SCUPC/LCAPC	3 m	pce
50 757 00	00401240863	BL Patchcord 2xSM SCUPC/LCAPC	4 m	pce
50 757 04	00501240863	BL Patchcord 2xSM SCUPC/LCAPC	5 m	pce
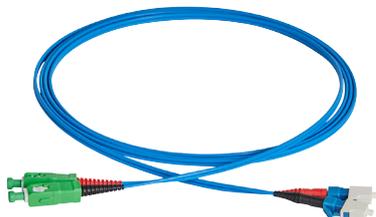
SCA/LCU

Description: Duplex Patchcord 2xSinglemode is manufactured in 0,5-20 meter length. Pre-contracted with SCAPC to LCUPC.

Blue Line products have a performance label on the packaging that gives the limit values insertion loss max -0,3 dB and return loss >55 dB for UPC as well as verification method.

E-number	Article number	Description	Length	Pack
50 741 53	00101241762	BL Patchcord 2xSM SCAPC/LCUPC	1 m	pce
50 741 54	00201241762	BL Patchcord 2xSM SCAPC/LCUPC	2 m	pce
50 741 55	00301241762	BL Patchcord 2xSM SCAPC/LCUPC	3 m	pce
50 757 18	00401241762	BL Patchcord 2xSM SCAPC/LCUPC	4 m	pce
50 741 56	00501241762	BL Patchcord 2xSM SCAPC/LCUPC	5 m	pce

VILLAPATCH

Description: Villapatch simplex single mode is manufactured in 0,5-20 meter length. Pre-contracted according to your specific needs.
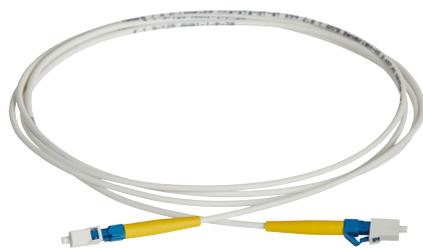
SCUPC/SCUPC

Article number	Description	Length	Pack
VP3,0-00101120808	VILLAPATCH 1xSM SCUPC/SCUPC	1 m	pce
VP3,0-00201120808	VILLAPATCH 1xSM SCUPC/SCUPC	2 m	pce
VP3,0-00301120808	VILLAPATCH 1xSM SCUPC/SCUPC	3 m	pce
VP3,0-00401120808	VILLAPATCH 1xSM SCUPC/SCUPC	4 m	pce
VP3,0-00501120808	VILLAPATCH 1xSM SCUPC/SCUPC	5 m	pce

LCUPC/LCUPC

Article number	Description	Length	Pack
VP3,0-00101126262	VILLAPATCH 1xSM LCUPC/LCUPC	1 m	pce
VP3,0-00201126262	VILLAPATCH 1xSM LCUPC-LCUPC	2 m	pce
VP3,0-00301126262	VILLAPATCH 1xSM LCUPC-LCUPC	3 m	pce
VP3,0-00401126262	VILLAPATCH 1xSM LCUPC-LCUPC	4 m	pce
VP3,0-00501126262	VILLAPATCH 1xSM LCUPC-LCUPC	5 m	pce

SCAPC/SCAPC

Article number	Description	Length	Pack
VP3,0-00101121717	VILLAPATCH 1xSM SCAPC/SCAPC	1 m	pce
VP3,0-00201121717	VILLAPATCH 1xSM SCAPC/SCAPC	2 m	pce
VP3,0-00301121717	VILLAPATCH 1xSM SCAPC/SCAPC	3 m	pce
VP3,0-00401121717	VILLAPATCH 1xSM SCAPC/SCAPC	4 m	pce
VP3,0-00501121717	VILLAPATCH 1xSM SCAPC/SCAPC	5 m	pce

LCAPC/LCAPC

Article number	Description	Length	Pack
VP3,0-00101126363	VILLAPATCH 1xSM LCAPC/LCAPC	1 m	pce
VP3,0-00201126363	VILLAPATCH 1xSM LCAPC/LCAPC	2 m	pce
VP3,0-00301126363	VILLAPATCH 1xSM LCAPC/LCAPC	3 m	pce
VP3,0-00401126363	VILLAPATCH 1xSM LCAPC/LCAPC	4 m	pce
VP3,0-00501126363	VILLAPATCH 1xSM LCAPC/LCAPC	5 m	pce

SCUPC/LCUPC

Article number	Description	Length	Pack
VP3,0-00101120862	VILLAPATCH 1xSM SCUPC/LCUPC	1 m	pce
VP3,0-00201120862	VILLAPATCH 1xSM SCUPC/LCUPC	2 m	pce
VP3,0-00301120862	VILLAPATCH 1xSM SCUPC/LCUPC	3 m	pce
VP3,0-00401120862	VILLAPATCH 1xSM SCUPC/LCUPC	4 m	pce
VP3,0-00501120862	VILLAPATCH 1xSM SCUPC/LCUPC	5 m	pce

SCUPC/SCAPC

Article number	Description	Length	Pack
VP3,0-00101120817	VILLAPATCH 1xSM SCUPC/SCAPC	1 m	pce
VP3,0-00201120817	VILLAPATCH 1xSM SCUPC/SCAPC	2 m	pce
VP3,0-00301120817	VILLAPATCH 1xSM SCUPC/SCAPC	3 m	pce
VP3,0-00401120817	VILLAPATCH 1xSM SCUPC/SCAPC	4 m	pce
VP3,0-00501120817	VILLAPATCH 1xSM SCUPC/SCAPC	5 m	pce

SCUPC/LCAPC

Article number	Description	Length	Pack
VP3,0-00101120863	VILLAPATCH 1xSM SCUPC/LCAPC	1 m	pce
VP3,0-00201120863	VILLAPATCH 1xSM SCUPC/LCAPC	2 m	pce
VP3,0-00301120863	VILLAPATCH 1xSM SCUPC/LCAPC	3 m	pce
VP3,0-00401120863	VILLAPATCH 1xSM SCUPC/LCAPC	4 m	pce
VP3,0-00501120863	VILLAPATCH 1xSM SCUPC/LCAPC	5 m	pce

LCUPC/LCAPC

Article number	Description	Length	Pack
VP3,0-00101126263	VILLAPATCH 1xSM LCUPC/LCAPC	1 m	pce
VP3,0-00201126263	VILLAPATCH 1xSM LCUPC/LCAPC	2 m	pce
VP3,0-00301126263	VILLAPATCH 1xSM LCUPC/LCAPC	3 m	pce
VP3,0-00401126263	VILLAPATCH 1xSM LCUPC/LCAPC	4 m	pce
VP3,0-00501126263	VILLAPATCH 1xSM LCUPC/LCAPC	5 m	pce

LCUPC/SCAPC

Article number	Description	Length	Pack
VP3,0-00101126217	VILLAPATCH 1xSM LCUPC/SCAPC	1 m	pce
VP3,0-00201126217	VILLAPATCH 1xSM LCUPC/SCAPC	2 m	pce
VP3,0-00301126217	VILLAPATCH 1xSM LCUPC/SCAPC	3 m	pce
VP3,0-00401126217	VILLAPATCH 1xSM LCUPC/SCAPC	4 m	pce
VP3,0-00501126217	VILLAPATCH 1xSM LCUPC/SCAPC	5 m	pce

SCAPC/LCAPC

Article number	Description	Length	Pack
VP3,0-00101121763	VILLAPATCH 1xSM SCAPC/LCAPC	1 m	pce
VP3,0-00201121763	VILLAPATCH 1xSM SCAPC/LCAPC	2 m	pce
VP3,0-00301121763	VILLAPATCH 1xSM SCAPC/LCAPC	3 m	pce
VP3,0-00401121763	VILLAPATCH 1xSM SCAPC/LCAPC	4 m	pce
VP3,0-00501121763	VILLAPATCH 1xSM SCAPC/LCAPC	5 m	pce

OUR HISTORY

Micropol has delivered high quality fiber optic products and solutions for more than 30 years. However, the event that lay the foundation to the company dates even further back in time.

In the morning of October 28, 1981, the Soviet submarine U137 was reported to have ran aground in the Karlskrona archipelago, an event that became world news. Anders Andersson, the founder of Micropol, was working at the time in the Royal Air Force. During the 1970's, Anders read about a new technique called fiber optics. He realized its future potential and requested with his superiors to invest time and funding to learn more. Much to his regret the request did not generate much interest.

The grounded Soviet submarine however, brought a light to the use of fiber optics as Sweden during the years to come, had to relate on US Navy sonar equipment, based on fiber optics. As the Swedish Armed Forces engaged in its own development of fiber optics, Anders was commissioned to build knowledge in the area and as a result, the Swedish Armed Forces' Technical School FMTS (Försvarsmaktens Tekniska Skola) in Halmstad was founded. It is still operational and employs more than 400 military and civil professionals.

During the 1980's, companies such as SSAB and Statoil became interested in utilizing fiber optics. They contacted Anders who was given the opportunity to employ his knowledge to the civil market. This resulted in the founding of Micropol in 1988. The company grew and in 1996, it moved to its existing location in Åled. The development in fiber optics continued with the introduction of Micropol's own product range and with new, large customers, such as Ericsson and Alcatel.

In 2011, one of Micropol's major products within the defence and security customer segment was launched, the Falcon expanded beam connector. Since then, the Falcon-technology, offering extreme optic performance and the smallest foot-print on the market, is the product of choice for the Swedish Armed Forces. As a result, Micropol has expanded its customer range to several defence and security globals.

"Using Micropol components in our nodes we have secured future quality in network for the inhabitants in Falun. We strongly recommend Micropol to all city network operators who wants to offer the highest speed in their networks."

—Bertil Dikman, project leader at Falu Energi

"Micropol's products help us to increase speed in our computer infrastructure and shorten lead times for support and deliveries. We are really happy with the service and quality provided by Micropol."

— Lisa Tegborg Deij, business area manager at Kungälv Energi

"When we upgrade our network we are moving over to Micropol products. I know that their products have a long lifetime and can provide high speed. The service level is always good and lead times are extremely short."

- Jimmy Ekelund, Net planner at Halmstads Stadsnät AB

MICROPOL

TECHNOLOGY LEADER IN PASSIVE FIBER OPTICS