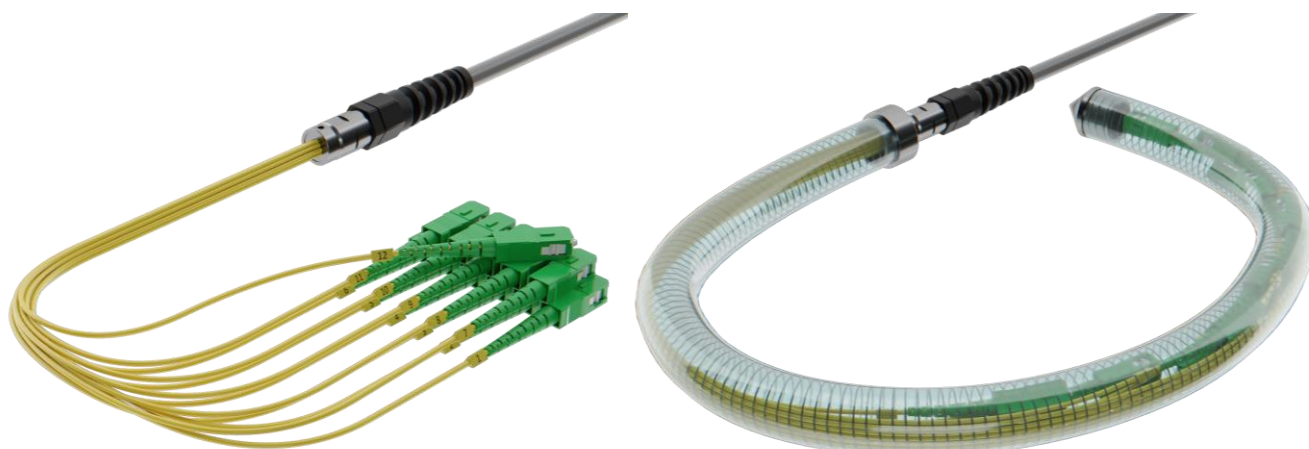


Connectivity solutions – multipatchcords

PTF



PTF Easylink 2 pre-connectorized multi-fiber cables are specifically designed to serve as general purpose products. The solution provides termination of loose tube cables as well as other cable types. The fibers are inserted into 1.8 mm fanouts strengthened by kevlar fibers, and the furcation point is protected by a metal sleeve with a boot protecting the cable from moving and bending. Then, fibers are terminated with connectors in accordance with customer's needs and requirements. Moreover, output legs are placed inside a reusable protective tube, which is fixed to a bushing and may be used as a pulling grip.

From an economic point of view PTF-Easylink 2 pre-connectorized multifiber cables provide cost-effective solutions, thus they are popular in the structured cabling systems, where they are used as links between distribution points. It is a Plug and Play solution, which facilitates fast and easy installation, with no extra equipment, as in traditional pigtail splicing.

APPLICATIONS

FTTX applications,
Structured cable systems,
Distribution points, cabinets/racks connections.

FEATURES

Furcation point is protected by a metal sleeve with a boot,
Protective tube may be used as a pulling grip,
Easy and fast installation,
Plug & Play solution,
Common in structured cable systems,
Wide range of fiber optic connectors,
High quality.

TECHNICAL SPECIFICATIONS:

Mechanical, environmental and optical parameters:

Max. Tensile load (tube to furcation point)	IEC 61753-2-1	100 N
Crush performance (furcation point)	EN 187101, IEC 60794-1-2-E3, no attenuation increase	1000 N
Installation temperature range *	EN 187101, IEC 60794-1-2-F1, no attenuation increase	-10... +50 [°C]
Operation *		-30... +70 [°C]
Transport and storage *		-30... +70 [°C]
Max connector Insertion Loss	IEC 61300-3-4	≤ 0.3dB
Max connector Return Loss	IEC 61300-3-6	RL≥65 dB(APC); RL≥50 dB(SM UPC); RL≥30 dB(MM PC)

* concerns the furcation point, depends on a cable type

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CONSTRUCTION:

Furcation point is protected by a metal sleeve with a flexible cable protection (structure diagram – see attachment). Dimensions depend on a furcation construction. Details below:

Furcation point maximum outer diameter [mm]	Ø 18	Ø 21
Furcation point length [mm]	90	100
Number of fibers in 1.8 mm fanouts	1-8	1-24
Connector type	SC/SCA/E2/E2A/LC/LCA/FC/FCA/ST	

Output legs are marked with number tags. In case there are two legs per side – with boot colour or a black band.

Output legs on one or both sides can be placed inside a reusable protective tube with a metal or plastic cap. If the product version doesn't include a tube, fanouts are protected with foil sleeve.



WRAPPING AND PACKING:

Pre-connectorized multipatchcords are available as a coil or wrapped on a cable drum, then secured with stretch film and/or packed in plastic bags (depending on the dimensions of a final product and the wrapping). The type of drum is selected to match the length and size of a patchcord.

- Coil – max 200 m
- Drum - max 200 m

Connectivity solutions – multipatchcords

ORDERING INFORMATION:

PF-12LC1095M-12LC1095P-11A12-100-1 FIBRAIN PRECONNECTORIZED CABLE EXO-GI LS0H, 100M,12J
09/125 G.652D SM 12LC/12LC EASY LINK 2

PTF	Pre-connectorized multi-fiber cables PTF		
12LC	Inner side connectors quantity and type		
	SA SC APC	E2 E2000 PC	00000 - no furcation
	SC SC PC	FA FC APC	
	LA LC APC	FC FC PC	
	LC LC PC	ST ST PC	
	EA E2000 APC	XX No connectors	
1 095 M	First digit – Inner side furcation option:	Three following digits – inner side max output length in cm (min. 30 cm) *, **	Letter –type of protective tube on inner side:
	0 Equal length of output legs	Max 70 cm Up to 8 fibers	N no tube
	1 Single cascade	Max 95 cm 9 - 24 fibers	M with metal protective cap
	2 Double cascade		200cm up to 24 fibers
	4 Quadruple cascade		
		No digits – when no furcation	
12 LC	Outer side connectors quantity and type - see above		
1 095 P	Outer side furcation option, output length and protective tube type – see above		
11 A 12	Cable type	Fiber type	Quantity of fibers in a cable
	See attachment	A G652D	F G657B3
		B G655	G G657B3+
		C G656	H OM1
		D G657A1	I OM2
		E G657A2	K OM3
			L OM4
100	Total length in meters		
1	Wrapping	Dwie kolejne cyfry adaptory z gwintem Pg16 (wkręcenie rozszyca w przełącznicę)	
	1 Coil	No digits	No threaded adapters
	2 Cable drum	10	One threaded adapter in separate bag
		11	Two threaded adapters in separate bags

* details in attachment

** when cascade: furcation length = the longest leg length

ATTACHMENTS:

- Multipatchcords – additional information.

Important notice

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.