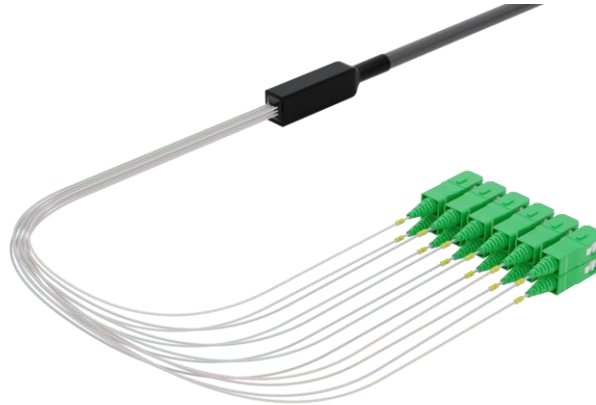


Type:	Multipatchcord TEF HD	
PN:	THxx, patrz informacja do zamówienia	
Data:	09.09.2021	PL
Modyfikacja:		Rev. 1.0

Connectivity solutions – multipatchcords

Pre-connectorized cables for HD BOT cassettes TEF HD



DESCRIPTION:

- pre-connectorized cables prepared for installation in HD breakout cassettes
- variants:
 - both side prepared for HD BOT cassettes (fixed fanouts length, tubes 900 μm)
 - hybrid version with a reinforced protective tube on the side B, side A design with constant parameters, not possible to change
- possible to produce on cables of the VC-D20E / D30E / D40E (1-4FO) family, DC-Prim (12 FO) cable and EXO cables (1-24FO)

TECHNICAL SPECIFICATION OF TEF HD FURCATION

Parametry mechaniczne, środowiskowe i optyczne:

Max. tensile load (tube to furcation point)	IEC 61753-2-1	7N (0.9mm)
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 *		-25... +70 [°C]
Transport and storage *		-25... +70 [°C]
Max. value of connector Insertion Loss	IEC 61300-3-4	≤ 0.3dB
Max. value of connector Return Loss	IEC 61300-3-6	RL≥65 dB(APC); RL≥50 dB(SM PC); RL≥30 dB(MM PC)

* concerns the furcation point, depends on a cable type

Details of TCF and TEF furcation in appropriate data sheets.

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CONSTRUCTION:

TEF HD

The furcation point is protected by a rectangular plastic profile filled with epoxy and a heat-shrinkable sheath.

External dimensions of furcation point	9x11mm
Length of furcation point +/-10mm	50mm
Number of fibers in 0.9mm tubes	12 / 24
Connector type	SCA/ SC/ LCA/ LC/

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 size of a drum is selected to match the length and size of a pre-connectorized cable.

- Coil – max 200 m
- Drum - min 200 m

ORDERING INFORMATION:

TH12-12SCHD-12LC01001-01A12-050-11-22

FIBRAIN PRECONNECTORIZED CABLE DC PRIM 50M 12J G.652D 12SC/12LC SAFEBRANCH 3 – EASYLINK 1

SIDE A	TH12-	TEF HD series of pre-connectorized cable	Two following digits – furcation point type (inner side - outer side)	
			1 – TEF HD furcation type – as first in code	
			2 – TCF - Easylink 1 furcation type	
			3 – Safebranch 1 furcation type	
	12SC	Inner side connectors quantity and type - 24 szt.		
		SA SC APC		
		SC SC PC		
		LA LC APC		
		LC LC PC		
SIDE B	HD	TEF HD always on the inner side	Design with constant parameters, not possible to change:	
			- fixed length of fanouts 35cm	
			- fanout diameter 900µm	
	12LC	Outer side connectors quantity and type - 24 szt.		
		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 Brak wtyków **	
	0 100 1-	First digit – outer side furcation option *;	Three following digits – outer side max output length in cm *	Last digit – outer side fanout diameter
		0 Equal length of outputs	Min: 30 cm, max: 200 cm;	0 Tube 0.9mm
		1 Single cascade		1 Fanout 1.8mm***
		2 Double cascade	Cascade furcation length = the longest leg length	2 Fanout 2.8mm***
		4 Quadruple cascade		3 Armored fanout 3.0 mm***

The above is only for TCF and TEF. In case of double-sided execution for the BOT HD cassette parameters are constant. For the TEF HD furcation code: **HD. No digits** – when no furcation

Type:	Multipatchcord TEF HD	
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Connectivity solutions – multipatchcords

01 A12-	Cable type	Fiber type		Quantity of fibers in a cable	
	See attachment	A	G652D	G	G657B3+
		B	G655	H	OM1
		C	G656	I	OM2
		D	G657A1	K	OM3
		E	G657A2	L	OM4
050-	Total length in meters				
11-	First digit – inner side fanouts protection type, Second digit – outer side:				
	1	Corrugated tube			
	2	Foil sleeve			
	3	Foil sleeve with a loop for pulling through			
	4	Elastic protection sleeve with a loop for pulling through			
12	First digit - wrapping	Two following digits – glands (concerns the type of side with TEF or TCF furcation)			
	1	Coil	0	No cable gland	
	2	Drum (>200m)	1	Cable gland	
			2	Threaded flex cable protection	

* see attachment

** unavailable at TEF HD

*** Fanout 1.8 mm, reinforced from the outside with a metal spiral wrap 3.0 mm, 2000 N (only for TEF, available connectors: SC APC/PC, LC APC/PC)

ATTACHMENTS:

1. Multipatchcords – additional information.

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