

Connectivity solutions

PTF – Preterminated multifiber cables Easylink 2



APPLICATION:

Preterminated multifiber cables PTF-Easylink 2 are dedicated for universal application. Solution allows for termination of loose tube cables as well as other cable types. Fibers from cables are inserted into 1.8mm reinforced fanouts. Additionally furcation point is covered by metal bushing with boot, which protects cable from kinking. Connectors on fibers are factory installed and tested depending on customer order. Output legs may be placed inside reusable protection tube which can be fixed to bushing and can be used as pulling grip.

PTF-Easylink 2 cables due to costs perspective are very popular in structural cabling systems where are used as links between distribution points. PTF cable is *Plug and Play* product type what means fast and easy installation on-site. Traditional installation with splicing is much more expensive because requires sophisticated equipment and well trained personnel.



PTF DESCRIPTION:

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

MAIN MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS:

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

MARKING

Each cable with PTF furcation system marked with serial number. Output legs numbered.

PACKAGING

Coil or drum depending on cable length.

Type:	PTF-xx	02.07.2014
		REV: 5
		ŁD
Code:	PTF-xx, see ordering information	

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ORDERING INFORMATION

Przykład:

PTF-12SCA-12SCA-01A-0100-1095M-1095M

Preconnectorized cable EXO CO PE with G.652D fibers, 100m length with 12 SCAPC connectors on both sides, single cascade on A and B side, maximal output length on A and B side- 95cm, protection tube with metal end on both sides, Easylink 2

PTF	-12SCA	-12SCA	-01A24	-0100	-1095M	-1095M
	Number and connector type of A side	Number and connector type of B side	Two digits – cable type; letter - fiber type Last two digits – number of fibers in cable (only if is different than maximum number of connectors on one side of cable);	Total length (in meters)	First digit – furcation type of A side; Three following digits - maximal output length of A side (in centimeters) Letter -protection tube type on A side	First digit – furcation type of A side; Three following digits - maximal output length of A side (in centimeters) Letter -protection tube type on A side
	Available connectors:	Available cables:	Available fiber types:		Furcation type:	Protection tube type:
	1200-furcation without connectors	01-Exo-C0 PE	A	SMF G.652D		N- no tube
	0000-no furcation	02-Exo-C0 LSZH	B	SMF G.655	1-single cascade	M- protection tube with metal end
	SC-SCUPC	03-EXO-CI PE	C	SMF G.656	2-double cascade	P- protection tube with plastic end
	SCA-SCAPC	04-EXO-CI LSZH	D	SMF G.657A1		
	E2-E2000	05-BDC-C0 PE	E	SMF G.657A2	Maximal output leg length:	
	E2A-E2000APC	06-BDC-C0 LSZH	F	SMF G.657B2	<ul style="list-style-type: none"> 70cm- (up to 8 fibers with protection tube) 95cm- (from 9 to 24 fibers with protection tube) 200cm –up to 24 fibers without protection tube 	
	LC-LCUPC	07-BDC-CI PE	G	SMF G.657B3	Minimal output leg length:	
	LCA-LCAPC	08-BDC-CI LSZH	H	MMF OM1	<ul style="list-style-type: none"> 10cm 	
	FC-FCUPC		I	MMF OM2	For cables with up to 8 fibers and protection tube - only single cascade possible	
	FCA-FCAPC		J	MMF OM2+	For cables with 9 to 14 fibers and protection tube - single and double cascade possible	
	ST-STUPC		K	MMF OM3	For cables with 15 to 24 fibers and protection tube - only single cascade possible	
			L	MMF om4		
					Single cascade- Furcation leg shorter by 3cm than previous one	
					Double cascade- Pair of furcation legs shorter by 3cm than previous one	

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.