

Type:	TEFC9-xx	21.07.2014
		REV: 4
		łD
Code:	TEFC9-xx, see ordering information	

Connectivity solutions

TEFC9- Preterminated multifiber cable SafeBranch 4



APPLICATION:

TEFC9 SafeBranch 4 preterminated multifiber cable is ideal for use in FTTX applications where space is limited. 900µm tubes and usage of microcables allow for assembling cabinets in right manner and saving space for future growth. Special furcation point construction based on epoxy filler makes product that withstands the environmental factors that affect outdoor deployments. Corrugated tube at the output of furcation point prevents from fiber damage at the sharp edges of subrack/patchpanel entries. Product is available with SM and MM fibers and with many connector types (SCUPC; FCUPC; LCUPC; SCAPC; E2000UPC; E2000APC; FCAPC; LCAPC)

TEFC9 DESCRIPTION

Furcation point outer diameter[mm]	Ø 13	Ø 18
Furcation point length [mm]	65	65
Number of output legs	13-48	49-96*
Connector type	SC/SCA/E2/E2A/LC/LCA/FC/FCA/ST	

* for higher fiber counts please contact with sales department

MAIN MECHANICAL AND ENVIRONMENTAL CHARACTERISTICS

Max. Tensile load (tube to furcation point)	IEC 61753-2-1,	7N
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		-25... +70 [°C]
Transport & Storage		-25... +70 [°C]
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 TEFC9 furcation system marked with serial number. Output legs numbered.

PACKAGING

Coil or drum depending on cable length

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ORDERING INFORMATION

Example

TEFC9-24SCA-24SCA-01A-0100-0120-1120

Preterminated multifiber cable EXO C0 PE, G.652D fibers with 24 SCAPC connectors on both sides, 100m length, equal length of A side -120cm, single cascade on B side, maximal output length on B side 120cm, Safebranch 4

TEFC9	-24SCA	-24SCA	-01A	-0100	-0120	-1120
	Number and connector type of A side	Number and connector type of B side	Two digits – cable type; Letter- fiber type	Total length (in meters)	First digit – furcation type of A side; Three following digits- maximal output length of A side	First digit – furcation type of B side; Three last digits- maximal output length of B side
Available connectors:	Available cables	Available fiber types:	Furcation type:			
0400-furcation without connectors	01-Exo-C0 PE	A SMF G.652D	0=equal length of outputs			
0000-no furcation	02-Exo-C0 LSZH	B SMF G.655	1=single cascade			
SC-SCUPC	03-EXO-CI PE	C SMF G.656	2=double cascade			
SCA-SCAPC	04-EXO-CI LSZH	D SMF G.657A1				
E2-E2000	05-BDC-C0 PE	E SMF G.657A2	Maximal outputs length in stadard configuration: 120cm, minimal: 50cm; for other outputs length please contact with sales department			
E2A-E2000APC	06-BDC-C0 LSZH	F SMF G.657B2	Single cascade- Furcation leg shorter by 3cm than previous one			
LC-LCUPC	07-BDC-CI PE	G SMF G.657B3	Double cascade- Pair of furcation legs shorter by 3cm than previous one			
LCA-LCAPC	08-BDC-CI LSZH	H MMF OM1				
FC-FCUPC	24-BURRY DAC	I MMF OM2				
FCA-FCAPC	28-AERO DF 03	J MMF OM2+				
	35-FTTA DAC	K MMF OM3				
	41-MK-LX4	L MMF om4				
	42-MK-LX6					

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.