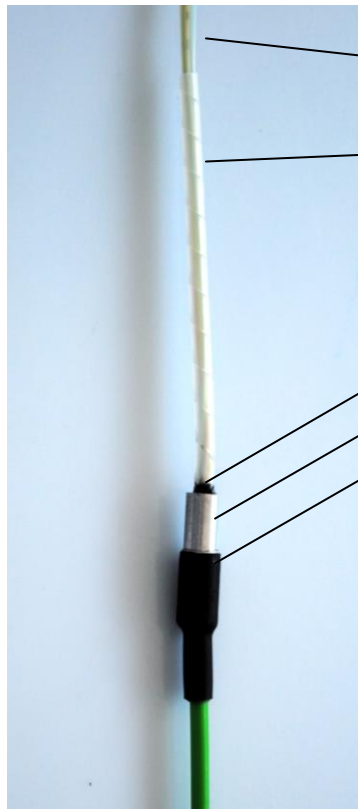


Connectivity solutions

TEFM9- Preterminated multifiber cable SafeBranch 2



- 900µm tubes
- Spiral wrap
- Specially designed epoxy for outdoor conditions
- Metal tube
- Heatshrink sleeve

APPLICATION:

TEFM9 SafeBranch 2 preterminated multifiber cable is ideal for use in FTTX applications where space is limited. 900µm tubes allow for routing fibers in already dense assembled cabinets/racks. Special furcation point construction based on epoxy filler makes product that withstands the environmental factors that affect outdoor deployments. Spiral wrap at the output of furcation point prevents from kinking of 900µm tubes and metal furcation tube allows for reliable and easy product installation by cable ties without fiber damage apprehension. Product is available with SM and MM fibers and with many connector types (SCUPC; FCUPC; LCUPC; SCAPC; E2000UPC; E2000APC; FCAPC; LCAPC)

TEFM9 DESCRIPTION

Furcation point maximum outer diameter[mm]	Ø 10
Furcation point length [mm]	30
Number of fibers in 0.9mm tubes	1-12
Connector type	SC/SCA/E2/E2A/LC/LCA/FC/FCA/ST

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]
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 TEFM9 furcation system marked with serial number. Output legs numbered.

PACKAGING

Coil or drum depending on cable length

Type:	TEFM9-xx	21.07.2014
		REV: 4
		ŁD
Code:	TEFM9-xx, see ordering information	

Connectivity solutions

ORDERING INFORMATION

Example

TEFM9-12SCA-12SCA-01A-0100-0120-1120

Preterminated multifiber cable EXO C0 PE, G.652D fibers with 12 SCAPC connectors on both sides, 100m length, equal length of A side -120cm, single cascade on B side, maximal output length of B side 120cm, Safebranch 2

TEFM9	-12SCA	-12SCA	-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: 0400-furcation without connectors 0000-no furcation SC-SCUPC SCA-SCAPC E2-E2000 E2A-E2000APC LC-LCUPC LCA-LCAPC FC-FCUPC FCA-FCAPC	Available cables 01-Exo-C0 PE 02-Exo-C0 LSZH 03-EXO-CI PE 04-EXO-CI LSZH 24-BURRY DAC 35-FTTA DAC 39-MK-CX 40-MK-DX	Available fiber types: A B C D E F G H I J K L	SMF G.652D SMF G.655 SMF G.656 SMF G.657A1 SMF G.657A2 SMF G.657B2 SMF G.657B3 MMF OM1 MMF OM2 MMF OM2+ MMF OM3 MMF om4	Furcation type: 0-equal length of outputs 1-single cascade 2-double cascade Maximal outputs length in stadard configuration: 120cm, minimal: 50cm; for other outputs length please contact with sales department 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.