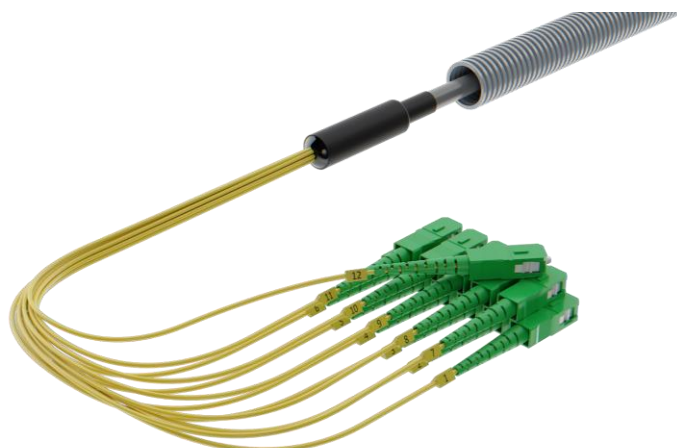


Type:	Multipatchcords Compact	REV: 1.0
Ref:	MCx-, see ordering information	
Date:	31.07.2019	KGB
Modification:		

## Connectivity solutions – multipatchcords

### Multipatchcords in corrugated tubes (Compact)



Compact pre-connectorized multipatchcords are provided in corrugated tubes which gives additional protection on mechanical damage and allows for a fast and efficient concealed installation of cable as well as installations in tele-technical floors or directly in a concrete. This solution is especially dedicated to a newly built buildings, where telecommunication applications are just being installed. Additionally, cable replacement is possible at a later date.

The product is available with TEF and TCF furcation type. It is a Plug and Play solution, which facilitates fast and easy installation, with no extra equipment, as in traditional installation with splices.

#### APPLICATIONS

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

#### FEATURES

Ideal for use in newly built buildings – concealed installations, tele-technical and concrete floors,  
Plug & Play solution,  
Wide range of fiber optic connectors,  
High quality.

#### TECHNICAL SPECIFICATIONS:

##### Mechanical, environmental and optical parameters:

<b>Max. Tensile load (tube to furcation point)</b>	IEC 61753-2-1	Depends on a furcation type
<b>Crush performance (furcation point)</b>	EN 187101, IEC 60794-1-2-E3, no attenuation increase	
<b>Corrugated tubes parameters</b>	Compressive strength Operating, transport temperature Working temperature Flame classification Colour	320N, standard version, concealed installations 750N, strengthened, concrete floors +10 do +50°C (PVC) -5 do +60°C (PVC) -40 do +120°C (PA6) UL94-V0 (PVC) UL94-V2 (PA6) Grey (PVC) Black (PA6)
<b>Max connector Insertion Loss</b>	IEC 61300-3-4	≤ 0.3dB
<b>Max connector Return Loss</b>	IEC 61300-3-6	RL≥65 dB(APC); RL≥50 dB(SM UPC); RL≥30 dB(MM PC)

#### CONSTRUCTION:

Fiber optic cable is placed in a corrugated tube - space between the furcation point and an end of a tube is 50 cm in standard (scheme in annex). Available furcations are TEF and TCF – detailed data and fanouts protection options in annex. Max length of the product – 200 m.

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## Connectivity solutions – multipatchcords

### WRAPPING AND PACKING:

Pre-connectorized multipatchcords are available as a coil, then secured with stretch film and/or packed in plastic bags (depending on the dimensions of a final product).

### ORDERING INFORMATION:

#### MC1-1-02SC00501-02SC00501-09I06-009-22-1

FIBRAIN PRECONNECTORIZED IN CORRUGATED TUBES EXO-G0 LS0H 9M 6\* OM2 02SC/02SC EASYLINK 1 COMPACT

<b>MC1-</b>	<b>Pre-connectorized multipatchcords Compact</b>		
	<b>MC1</b>	Standard corrugated tube	
	<b>MC2</b>	Strengthened corrugated tube	
<b>1-</b>	<b>Furcation type</b>		
	1 – TCF		
	2 – TEF		
<b>02SC</b>	<b>Inner side connectors quantity and type</b>		
	SA	SC APC	E2 E2000 PC
	SC	SC PC	FA FC APC
	LA	LC APC	FC FC PC
	LC	LC PC	ST ST PC
	EA	E2000 APC	XX No connectors
	00000 - no furcation		
	<b>No digits – when no furcation</b>		
<b>0 050 1-</b>	<b>First digit – Inner side furcation option*</b>	<b>Three following digits – inner side output length*</b>	<b>Last digit – inner side fanout diameter</b>
	0 Equal length of outputs	Min: 30 cm, max: 200 cm	0 Tube 0.9mm
	1 Single cascade	<i>If cascade, furcation length = the longest leg</i>	1 Fanout 1.8mm
	2 Double cascade		2 Fanout 2.8mm
	4 Quadruple cascade		3 Fanout harsh 3.0mm **
<b>02SC</b>	<b>Outer side connectors quantity and type - see above</b>		
<b>0 050 1-</b>	<b>Outer side furcation option, output length and fanout diameter – see above</b>		
<b>09 I 06-</b>	<b>Cable type</b>	<b>Fiber type</b>	<b>Quantity of fibers in a cable</b>
	See attachment	A G652D B G655 C G656 D G657A1 E G657A2	F G657B3 G G657B3+ H OM1 I OM2 K OM3 L OM4
<b>009-</b>	<b>Total length in meters</b>		
<b>22-</b>	<b>First digit – inner side fanouts protection type, Second digit - outer side:</b>		
	0 When no furcation on one 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		
<b>1</b>	<b>Wrapping</b>		
	1 Coil		
	2 Cable drum		

\* details in attachment

\*\* Fanout 1.8 mm reinforced with a 3.0 mm metal spring tube (2000 N) – only with TEF furcation type, available connectors: SC APC/PC, LC APC/PC

### ATTACHMENTS:

1. 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.