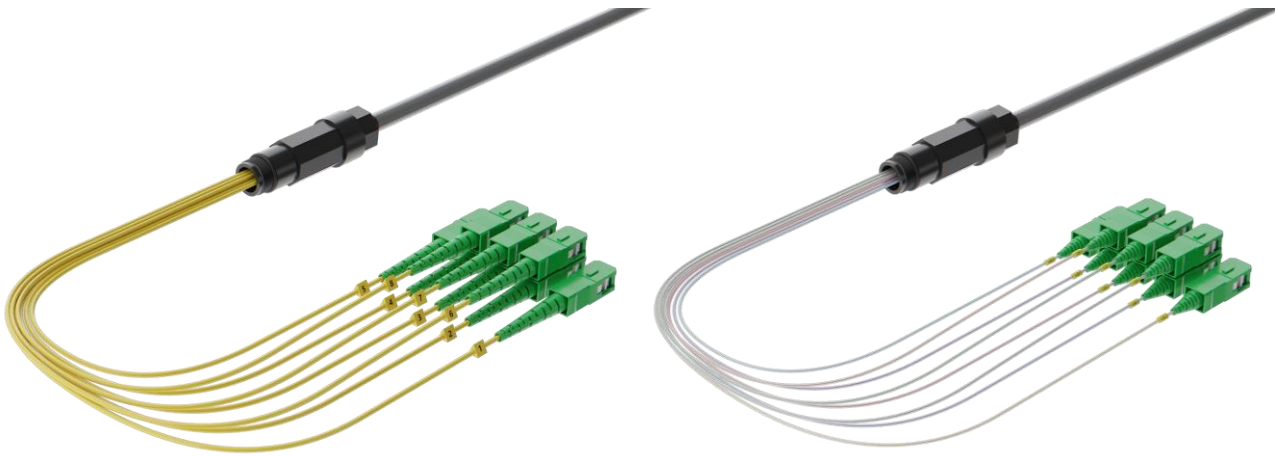


Type:	Multipatchcords MB	REV: 1.0
Ref:	MB-xx, see ordering information	
Date:	31.07.2019	KGB
Modification:		

## Connectivity solutions – multipatchcords

### MB



MB pre-connectorized multi-fiber cables are specifically designed for use in Cable TV. Construction of the furcation housing enables screwing it to the CATV distribution box with a 5/8" thread without the risk of damaging the cable. The housing also provides protection against water and mechanical damage to the fibers. The product is available in configurations up to 8 kevlar reinforced fanouts with the diameter of 2.0 mm or 12 fibers in 0.9 mm diameter protective tube.

#### APPLICATIONS

Cable TV,  
Distribution points, cabinets/racks connections.

#### FEATURES

Direct connection to a CATV distribution box with a 5/8" thread,  
Furcation housing fits to a 3/4" key,  
Water and mechanical resistance of furcation point,  
Wide range of fiber optic connectors,  
Up to 12 fibers Plug & Play solution,  
High quality.

#### TECHNICAL SPECIFICATIONS:

<b>Working temperature</b>	-40°C do 80°C*
<b>Furcation Point protection level</b>	IP67
<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 PC); RL≥30 dB(MM PC)

\*concerns the furcation point, depends on a cable type

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## Connectivity solutions – multipatchcords

### CONSTRUCTION:

Furcation point consists of a metal core with a rubber oring and a screwed plastic housing. The housing has a 5/8 inch thread in the front part (also sealed with O-rings), while the central and back part is suitable for a 3/4" key. Fanouts are matched with numeric markers.



Outer diameter of furcations point [mm]	Ø 22
Length of the furcations point [mm]	76
Furcation point thread [in]	5/8
Furcation housing key size [in]	3/4
Sealing	Rubber O-ring
1.8 mm Kevlar reinforced fanouts	1-8
0.9 mm protection tube fanouts	1-12
Connector type	SC/SCA/E2/E2A/LC/LCA/FC/FCA/ST

Types of output legs protection (details in attachment):

- Corrugated tube
- Foil sleeve
- Foil sleeve with a loop for pulling through
- Elastic protection sleeve with a loop for pulling through

### 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 type of drum is selected to match the length and size of a patchcord.

- Coil – max 200 m
- Drum – min 200 m

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## Connectivity solutions – multipatchcords

### ORDERING INFORMATION:

**MB-06SC00501-00000-09A06-008-10-1**

FIBRAIN PRECONNECTORIZED EXO-G0 LSOH 8M 6\* 09/125 G.652D SM 06SCA/0000 BROADBAND 5/8"

<b>MB-</b>	<b>Pre-connectorized multi-fiber cables MB - Multi Broadband</b>		
<b>06 SC</b>	<b>Inner side connectors quantity and type</b>		
	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 No connectors	
<b>0 050 1-</b>	<b>First digit – Inner side furcation option*</b>	<b>Three following digits – inner side max output length in cm*</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		1 Fanout 1.8mm
	2 Double cascade	<i>Cascade furcation length = the longest leg length</i>	
	4 Quadruple cascade		
	<b>No digits – when no furcation</b>		
<b>00000-</b>	<b>Outer side connectors quantity and type - see above</b>		
	<b>Outer side furcation option, output length and fanout diameter – see above</b>		
<b>09 A 06-</b>	<b>Cable type</b>	<b>Fiber type</b>	<b>Quantity of fibers in a cable</b>
	See attachment	A G652D F G657B3 B G655 G G657B3+ C G656 H OM1 D G657A1 I OM2 E G657A2 K OM3 L OM4	
<b>008-</b>	<b>Total length in meters</b>		
<b>10-</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>First digit - wrapping</b>		
<b>1</b>	1 Coil		
	2 Cable drum		

\* details in attachment

### ATTACHMENTS:

- 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.