

Tykoflex Multicassette fibre organizer

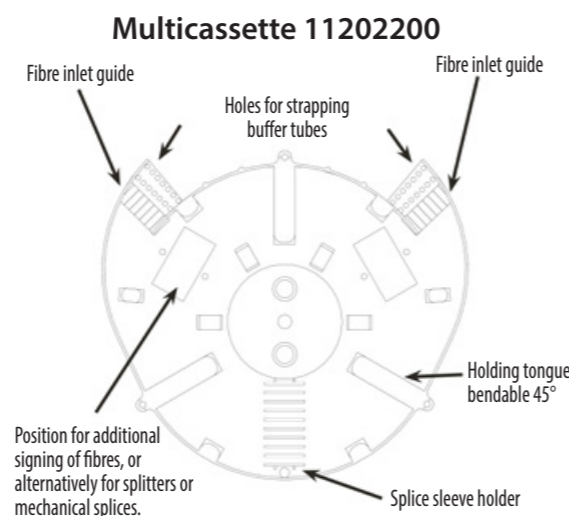
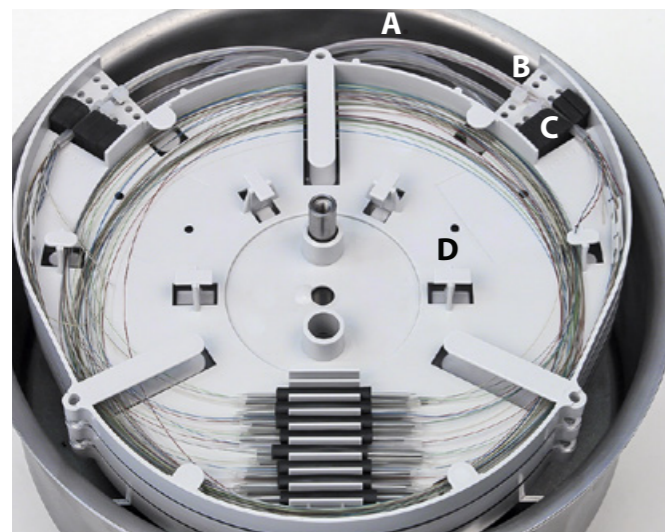
Multicassette for multipurpose application: Single fibre, 4-ribbon, 8-ribbon and 12-ribbon as well as splitters. One cassette type for all applications.

A On its way from cable port to cassette, the single fibres are always guided in tubes, either from the cable or in the tubes provided by Tykoflex. When adapting to centre tube cables it is recommended to use the branching kit 11 218 340 (page 68).

B Tubes are secured with cable ties on the cassette inlet.

C Tubes or ribbon fibre are held in place in the fibre inlet guide. Ribbon fibres are guided from the cable port without any additional protection tube to the cassette inlet and held in position.

D Fibres are safely routed in 45-90 mm radius loops, loosely and without pressure. Generous space inside the cassette enables the fibre to be turned and change direction. There is no need to adjust for precise length of fibre before splicing.



Fibre count capacity

Each Multicassette has 9 sleeve holders; each can hold a maximum of four single fibres standard sleeve and eight single fibres thin sleeve, two 4-ribbon, two 8-ribbon fibre

sleeves or one 12-ribbon fibre sleeve. This chart shows the maximum number of fibres that can be installed.

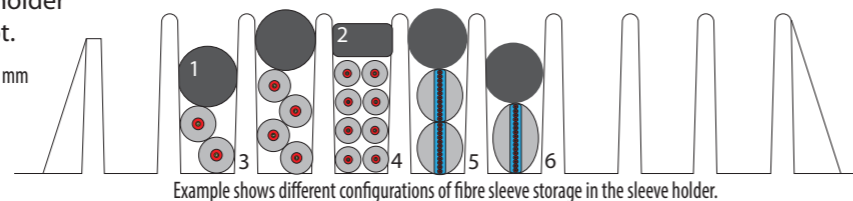
Configuration	Number of Multicassettes	Number of physical fibres to handle inside closure.								
		1	2	4	6	8	10	12	14	16
Single fibre 12		12	24	48	72	96	120	144	168	192
Single fibre 24		24	48	96	144	192	240	288	336	388
Single fibre 36		36	72	144	216	288	360	432		
Single fibre 48		48	96	192	288	384	480			
Single fibre 72, splice protector SLIM		72	144	288	432	576	720			
Ribbon, 4 fibres, 18-band		72	144	288	432					
Ribbon, 8 fibres, 12-band		96	192	384	576					
Ribbon, 12 fibres, 9-band		108	216	432	648					

Fibre Guide

The fibres are placed into the fibre sleeve holder and are held by rubber elements in the slot.

1. Round rubber piece
2. Square rubber piece
3. Splice protection sleeve 2.4 mm

4. Splice protector slim 2.0 mm
5. Ribbon 4-8 fibre
6. Ribbon 12 fibre



Multicassette

The Multicassette is comprised of a bottom part with two inlet fibre areas with one six slot rubber profile in each. The fibres/ fibre tubes are guided in position through the rubber profile into the storage area.

The cassette can organize and store all types of fibre e.g. single, ribbon etc. There are nine positions for storage of fibre sleeves. Each holder slot can store 4 to 8 single fibres sleeves, two 4- or 8-ribbon sleeves or one 12-ribbon sleeve.

There are also two dedicated areas in the cassette for additional sleeve holders or splitters. The large cassette with the open design enables easy, safe and timesaving installation. It is possible to change direction and turn fibres inside the cassette, within the allowed bending radius for the fibre. Since fibres are routed in numbered slots it is fast to locate the correct fibre for future fault-finding or splicing.



The Multicassette is covered with a transparent snap-on lid. The transparent lid provides good visibility of the installed fibres without having to open the cassette. The cassette's innovative design makes a re-splice of fibre an easy task. There can even be different lengths of fibre at each side of the splice sleeve.

The Multicassette handles Single Element, Single Ribbon, Multiple Element and Multiple Ribbon configurations.

Multicassette flexibility

Tykoflex Multicassette offers great flexibility. Additional cassettes can be added up to a maximum of 16. The closure lid must then be replaced to handle the extra height of the added cassettes.

The Multicassette holder

The Multicassette holder ensures that the installation and adding of more cassettes into the joint closure is smooth and safe.

The Multicassette holder 11216100 is an auxiliary tool for splicing of optical fibres. The Multicassette holder can be placed in several positions on the edge of the bottom part.

Up to four holders can be placed at the same time, for optimum flexibility and handling performance.

