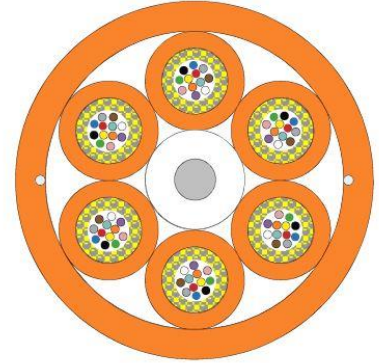


## MiniCore cable – 24 to 144 fibers

### Basic characteristic

- ▲ Indoor cable for the installation in cable ducts and in tubes
- ▲ Cable with break-out subcables (2-12) ready for direct MTP termination and if necessary fillers stranded in layers around a central strength member
- ▲ Suitable for interconnections
- ▲ Strain relief elements (aramid)



### Colour coding

- ▲ Colour code fibers: blue, orange, green, brown, grey, white, red, black, yellow, violet, pink, turquoise

## MiniCore cable – 24 to 144 fibers

### Cable parameters

Jacket material	FRNC	
Cable construction	MiniCore cable	
Outer diameter	24 fibers:	approx. 8,9mm x 0,8mm
	36 fibers:	approx. 8,9mm x 0,8mm
	48 fibers:	approx. 8,9mm x 0,8mm
	60 fibers:	approx. 10,0mm x 0,8mm
	72 fibers:	approx. 10,8mm x 0,8mm
	96 fibers:	approx. 13,1mm x 0,9mm
	144 fibers:	approx. 15,4mm x 0,9mm
Weight	24 fibers:	70 kg/km
	36 fibers:	70 kg/km
	48 fibers:	70 kg/km
	60 fibers:	88 kg/km
	72 fibers:	100 kg/km
	96 fibers:	155 kg/km
	144 fibers:	195 kg/km
Fire load	24 fibers:	1,16 MJ/m
	36 fibers:	1,16 MJ/m
	48 fibers:	1,16 MJ/m
	60 fibers:	1,44 MJ/m
	72 fibers:	1,71 MJ/m
	96 fibers:	2,57 MJ/m
	144 fibers:	2,78 MJ/m
Fiber type	SM:	OS2 - Corning® SMF-28®
	MM:	OM3 - Corning® ClearCurve®
		OM4 - Corning® ClearCurve®
		OM5 - Corning® ClearCurve®
Temperature range	operation:	-5°C to +70°C
	storage:	-25°C to +70°C
	installation:	-5°C to +50°C

## MiniCore cable – 24 to 144 fibers

### Chemical characteristics

No resistance to oil, petrol, acid and leach

### Mechanical characteristics

Min. bending radius fixed (static) acc. IEC 60794-1-2 E11A	15 x outside diameter
Min. bending radius during assembly (dynamic), with additional tensile strain acc. IEC 60794-1-2 E6	20 x outside diameter
Max. crush resistance acc. IEC 60794-1-2 E3, long term	1000 N/dm

### Fire performance

Cable is flame retardant	acc. to IEC 60332-1-2
Cable is flame retardant	acc. to IEC 60332-3-22 Cat.A
Smoke density	acc. to IEC 61034
Halogen-free	acc. to IEC 60754-1
Acidity of the combustion gases	acc. to IEC 60754-2

### Construction Products Regulation

Fibers	Fire Class
24/36/48/60/72/96/144	D <sub>ca</sub> -s2, d2, a1

## MiniCore cable – 24 to 144 fibers

Ordering code	Inkjet print	Jacket colour
MC-24-OS2-8.9-YE	LEONI - FiberConnect® I-F(ZN)HH 24x9/125 OS2 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Yellow
MC-24-OM3-8.9-AQ	LEONI - FiberConnect® I-F(ZN)HH 24x50/125 OM3 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Aqua
MC-24-OM4-8.9-HV	LEONI - FiberConnect® I-F(ZN)HH 24x50/125 OM4 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Heather Violet
MC-24-OM5-8.9-LG	LEONI - FiberConnect® I-F(ZN)HH 24x50/125 OM5 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Lime Green
MC-36-OS2-8.9-YE	LEONI - FiberConnect® I-F(ZN)HH 36x9/125 OS2 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Yellow
MC-36-OM3-8.9-AQ	LEONI - FiberConnect® I-F(ZN)HH 36x50/125 OM3 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Aqua
MC-36-OM4-8.9-HV	LEONI - FiberConnect® I-F(ZN)HH 36x50/125 OM4 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Heather Violet
MC-36-OM5-8.9-LG	LEONI - FiberConnect® I-F(ZN)HH 36x50/125 OM5 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Lime Green
MC-48-OS2-8.9-YE	LEONI - FiberConnect® I-F(ZN)HH 48x9/125 OS2 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Yellow
MC-48-OM3-8.9-AQ	LEONI - FiberConnect® I-F(ZN)HH 48x50/125 OM3 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Aqua
MC-48-OM4-8.9-HV	LEONI - FiberConnect® I-F(ZN)HH 48x50/125 OM4 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Heather Violet
MC-48-OM5-8.9-LG	LEONI - FiberConnect® I-F(ZN)HH 48x50/125 OM5 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Lime Green
MC-60-OS2-10.0-YE	LEONI - FiberConnect® I-F(ZN)HH 60x9/125 OS2 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Yellow
MC-60-OM3-10.0-AQ	LEONI - FiberConnect® I-F(ZN)HH 60x50/125 OM3 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Aqua
MC-60-OM4-10.0-HV	LEONI - FiberConnect® I-F(ZN)HH 60x50/125 OM4 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Heather Violet

## MiniCore cable – 24 to 144 fibers

MC-60-OM5-10.0-LG	LEONI - FiberConnect® I-F(ZN)HH 60x50/125 OM5 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Lime Green
MC-72-OS2-10.8-YE	LEONI - FiberConnect® I-F(ZN)HH 72x9/125 OS2 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Yellow
MC-72-OM3-10.8-AQ	LEONI - FiberConnect® I-F(ZN)HH 72x50/125 OM3 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Aqua
MC-72-OM4-10.8-HV	LEONI - FiberConnect® I-F(ZN)HH 72x50/125 OM4 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Heather Violet
MC-72-OM5-10.8-LG	LEONI - FiberConnect® I-F(ZN)HH 72x50/125 OM5 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Lime Green
MC-96-OS2-13.1-YE	LEONI - FiberConnect® I-F(ZN)HH 96x9/125 OS2 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Yellow
MC-96-OM3-13.1-AQ	LEONI - FiberConnect® I-F(ZN)HH 96x50/125 OM3 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Aqua
MC-96-OM4-13.1-HV	LEONI - FiberConnect® I-F(ZN)HH 96x50/125 OM4 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Heather Violet
MC-96-OM5-13.1-LG	LEONI - FiberConnect® I-F(ZN)HH 96x50/125 OM5 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Lime Green
MC-144-OS2-15.4-YE	LEONI - FiberConnect® I-F(ZN)HH 144x9/125 OS2 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Yellow
MC-144-OM3-15.4-AQ	LEONI - FiberConnect® I-F(ZN)HH 144x50/125 OM3 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Aqua
MC-144-OM4-15.4-HV	LEONI - FiberConnect® I-F(ZN)HH 144x50/125 OM4 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Heather Violet
MC-144-OM5-15.4-LG	LEONI - FiberConnect® I-F(ZN)HH 144x50/125 OM5 Dca s2 d2 a1 DoP: CDERF0000011 (length in meters), (Reel No.)	Lime Green

\* Specifications are subject to change without notice

For more information contact our sales team at [sales@sylex.sk](mailto:sales@sylex.sk)