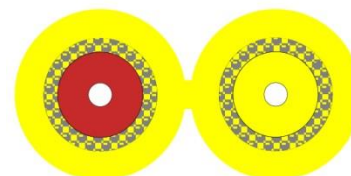


## Duplex cable 1,8mm and 2,8mm – 2 fibers

### Basic characteristic

- ▲ High flexible cable used for interconnections patching but also suitable for installation in cable ducts and tubes
- ▲ Suitable for direct termination
- ▲ Halogen-free and flame-retardant material (FRNC)



### Colour coding

- ▲ red, other core yellow, green, blue

### Cable parameters

Jacket material		FRNC
Cable construction		Duplex cable
Outer diameter	1,8mm version:	approx. 1,8mm x 3,7mm
	2,8mm version:	approx. 2,8mm x 5,7mm
Weight	1,8mm version:	approx. 7 kg/km
	2,8mm version:	approx. 15,8 kg/km
Fire load	1,8mm version:	0,21 MJ/m
	2,8mm version:	0,36 MJ/m
Fiber type	SM:	OS2 - Corning® SMF-28®
	MM:	OM1 - Corning® ClearCurve®
		OM2 - Corning® ClearCurve®
		OM3 - Corning® ClearCurve®
		OM4 - Corning® ClearCurve®
Temperature range	operation:	-10°C to +70°C
	storage:	-25°C to +70°C
	installation:	-5°C to +50°C

## Duplex cable 1,8mm and 2,8mm – 2 fibers

### Chemical characteristics

No resistance to oil, petrol, acid and leach

### Mechanical characteristics

Min. bending radius in use (over flat site, static)		30mm
Min. bending radius during assembly (dynamic)		60mm
Maximal pull force	1,8mm version:	300 N
	2,8mm version:	600 N
Maximal crush resistance, long term	1,8mm version:	300 N/dm
	2,8mm version:	600 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

Ordering code	Inkjet print	Jacket colour
DX-02-OS2-1.8-YE	LSZH 2 x 9/125 OS2 (length in meters), (Reel No.)	Yellow
DX-02-OM1-1.8-OR	LSZH 2 x 62,5/125 (length in meters), (Reel No.)	Orange
DX-02-OM2-1.8-OR	LSZH 2 x 50/125 (length in meters), (Reel No.)	Orange
DX-02-OM3-1.8-AQ	LSZH 2 x 50/125 OM3 (length in meters), (Reel No.)	Aqua
DX-02-OM4-1.8-MA	LSZH 2 x 50/125 OM4 (length in meters), (Reel No.)	Magenta
DX-02-OS2-2.8-YE	LSZH 2 x 9/125 OS2 (length in meters), (Reel No.)	Yellow
DX-02-OM1-2.8-OR	LSZH 2 x 62,5/125 (length in meters), (Reel No.)	Orange
DX-02-OM2-2.8-OR	LSZH 2 x 50/125 (length in meters), (Reel No.)	Orange
DX-02-OM3-2.8-AQ	LSZH 2 x 50/125 OM3 (length in meters), (Reel No.)	Aqua
DX-02-OM4-2.8-MA	LSZH 2 x 50/125 OM4 (length in meters), (Reel No.)	Magenta

\* Specifications are subject to change without notice

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