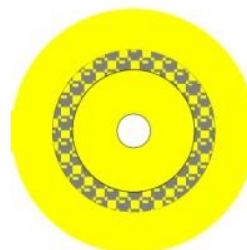


Simplex cable 1,8mm and 2,8mm – 1 fiber

Basic characteristic

- ▲ High flexible cable used for interconnections patching but also suitable for installation in cable ducts and tubes
- ▲ Suitable for direct termination
- ▲ Low Smoke Zero Halogen (LSZH)



Colour coding

- ▲ red, green, blue

Cable parameters

Jacket material		LSZH
Cable construction		Simplex cable
Outer diameter	1,8mm version:	approx. 1,8mm
	2,8mm version:	approx. 2,8mm
Weight	1,8mm version:	approx. 3,9 kg/km
	2,8mm version:	approx. 7,9 kg/km
Fire load	1,8mm version:	0,10 MJ/m
	2,8mm version:	0,18 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

Simplex cable 1,8mm and 2,8mm – 1 fiber

Chemical characteristics

No resistance to oil, petrol, acid and leach

Mechanical characteristics

Min. bending radius in use (over flat site, static)		10mm
Min. bending radius during assembly (dynamic)		60mm
Maximal pull force	1,8mm version:	200 N
	2,8mm version:	400 N
Maximal crush resistance, long term	1,8mm version:	100 N/dm
	2,8mm version:	150 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
SX-01-OS2-1.8-YE	LSZH 1 x 9/125 OS2 (length in meters), (Reel No.)	Yellow
SX-01-OM1-1.8-OR	LSZH 1 x 62,5/125 (length in meters), (Reel No.)	Orange
SX-01-OM2-1.8-OR	LSZH 1 x 50/125 (length in meters), (Reel No.)	Orange
SX-01-OM3-1.8-AQ	LSZH 1 x 50/125 OM3 (length in meters), (Reel No.)	Aqua
SX-01-OM4-1.8-MA	LSZH 1 x 50/125 OM4 (length in meters), (Reel No.)	Magenta
SX-01-OS2-2.8-YE	LSZH 1 x 9/125 OS2 (length in meters), (Reel No.)	Yellow
SX-01-OM1-2.8-OR	LSZH 1 x 62,5/125 (length in meters), (Reel No.)	Orange
SX-01-OM2-2.8-OR	LSZH 1 x 50/125 (length in meters), (Reel No.)	Orange
SX-01-OM3-2.8-AQ	LSZH 1 x 50/125 OM3 (length in meters), (Reel No.)	Aqua
SX-01-OM4-2.8-MA	LSZH 1 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