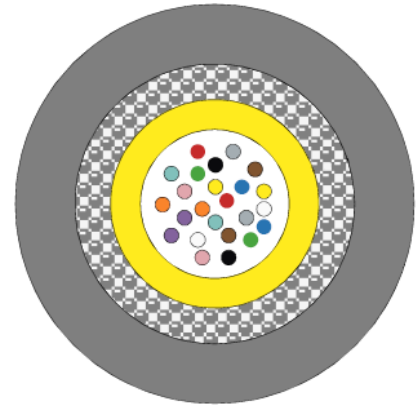


Dyneema reinforced cable – 24 fibers

Basic characteristic

- ▲ Universal fiber optic cable for fixed installation indoor and outdoor, in cable ducts and in tubes and also suitable for interconnections
- ▲ Oil resistance patch cable in distribution systems as well as for connecting terminals
- ▲ For flexible applications with a weakly dynamic stress as well as installations in cable ducts, tubes and on cable racks
- ▲ Strain relief elements with UHMWPE fibers
- ▲ For direct connector assembly



Colour coding

- ▲ Tube colour: yellow
- ▲ Colour code fibers (1-12): red, green, blue, yellow, white, grey, brown, violet, turquoise, black, orange, pink
- ▲ Colour code fibers (13-24): red, green, blue, yellow, white, grey, brown, violet, turquoise, transparent, orange, pink (always with black ring marking, except transparent)

Dyneema reinforced cable – 24 fibers

Cable parameters

Jacket material		Polyethylene (LDPE)
Cable construction		Jelly filled loose tube
Outer diameter	24 fibers:	approx. 6,7 mm x 1 mm
Weight	24 fibers:	33 kg/km
Fiber type	SM:	OS2 - Corning® SMF-28®
Temperature range	operation:	-25°C to +80°C
	storage:	-25°C to +80°C
	installation:	-5°C to +50°C

Chemical characteristics

Oil resistance of the outer jacket acc. IEC 60811-404 with test oil IRM 902 (acc. ISO 1817), +60°C, 168 h, writing speed 250 mm/min

Relative change of elongation at break max. +/- 40 % and relative change of tensile strength max. +/- 40 %

PE-jacket has no water absorption and no water penetration

PE-jacket has no dirt pick-up and a self-cleaning effect

UV-resistance of the outer jacket

Mechanical characteristics

Min. bending radius fixed (static) acc. IEC 60794-1-2 E11A	100 mm
Min. bending radius during assembly (dynamic) acc. IEC 60794-1-2 E6	140 mm
Max. tensile force acc. IEC 60794-1-2 E1, long term	1750 N
Max. crush resistance acc. IEC 60794-1-2 E3, long term	1000 N/dm

Fire performance

Cable is halogen-free

Ordering code	Inkjet print	Jacket colour
DC-24-OS2-6.7-BK	SYLEX Fiber Optics – www.sylex.sk - (length in meters), (Reel No.)	Black

* Specifications are subject to change without notice

For more information contact our sales team at sales@sylex.sk