

## SBC-00 Dyneema reinforced backbone cable

### Basic characteristic

- ▲ SBC-00 is indoor / outdoor backbone cable providing interconnection between sensors for longer distances or to connect to the interrogator.
- ▲ It is configurable up to 24 fibers that can be terminated on both sides with FC/APC or other types of connectors.
- ▲ SBC-00 fits well also with WCB-01 Connection box.
- ▲ SBC-00 contains strain relief and water-resistant elements designed for usage in harsh environments and real field applications.



### Temperature range

-25°C / +80°C

### Cable parameters

Jacket material / construction / diameter	PE Black, Dyneema reinforced cable / 6.7mm
Fiber count / type	up to 24-fibers / Corning SMF28 Ultra
Bend radius (long term)	10x cable diameter (no load)
Bend radius (short term)	15x cable diameter (load)
Tensile strength	1750N
Crush resistance	1000N/100mm
Attenuation	@1550nm <0,30 dB/km
Weight	33g / mtr

### Connector parameters

Connector type <sup>1)</sup>	FC (APC)
Insertion Loss / Return Loss	<0,25dB / >60dB

<sup>1)</sup> Other connector types available on request

### Packaging

Typically provided on drum

### Quality statement

All products are 100% tested and calibrated at SYLEX  
 All products are manufactured according to ISO 9001:2008 and ISO 14001:2004

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

\* Specifications are subject to change without notice