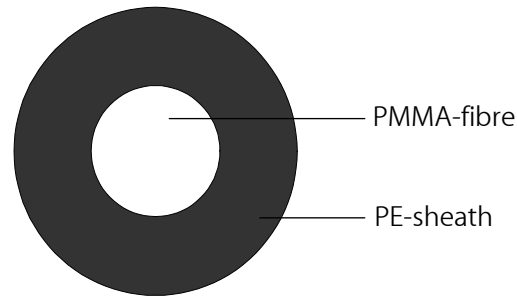


Part No.: **84A00100S**

FiberConnect® V-2Y 1P980/1000

Profile view:



Design:

Fibre:

- Fibre of polymethylmethacrylate (PMMA); 980/1000 µm step index profile with fluorpolymere cladding (POF), diameter 1.0 mm

Sheath:

- Polyethylene (PE), nominal diameter: 2.2 mm colour: black

Application/Installation:

- For applications with a simple mechanical demand
- For direct connector assembly

Transmission characteristics:

- Attenuation (at TR = 20 °C)

at 650 nm (Laser)	< 160 dB/km
at 660 nm (LED)	< 230 dB/km
- Bandwidth

at 650 nm using RML	> 40 MHz x 100 m
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- Numerical aperture

	0.485 +/- 0.045
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Mechanical characteristics:

- Min. bending radius

dynamic	25mm
static	25 mm
- Pull force max.

short-term	15N
long-term	5 N
- Crush resistance max.

short-term	300 N/dm
long-term	40 N/dm
- Repeated bending

	10.000 cycles
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- Weight

	approx. 3,8 kg/km
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Part No.: **84A00100S**

Thermal characteristics:

- Transport and storage - 55 °C to + 85 °C
- Installation - 5 °C to + 50 °C
- During operation - 55 °C to + 85 °C

Fire performance:

- Halogen-free

Chemical characteristics:

- Resistance to oil, petrol, acid and leach

Standardisation:

- Multimode fibres category A4a.2 IEC 60793-2-40
- IEC 60794-2-41

Notes:

- Packaging:
500 m coils