



Fibre optical cables for wind applications with defined movement, torsion, available with 2,4,8 or 12 sub-cable elements with single-mode or multimode fibres

- A/J-V(ZN)H11Y
- Breakout cable designed to withstand high torsional stresses
- Torsion-resistant and very flexible



Product description

Application range

- For fixed and flexible installations, as well as for applications with torsional movements (e.g. machinery, wind turbines)
- Industrial environments
- In vertical installations
- As a link between moving parts
- For indoor and outdoor use

Benefits

- Designed to withstand high torsion in the windmill drip loop
- Suitable for field assembly
- Easy to install due to the compact design, high flexibility, robust sheath and small bending radii
- Zero electromagnetic interference as the cable contains no metal

Product Make-up

- 2.5 mm tight-buffered sub-cable with LSZH sheath
- Aramid yarns as strain relief
- Central element
- PUR outer sheath
- Colour: black (RAL 9005)

Product features

- Based on military norm MIL-C-85045
- Torsion-resistant and very flexible
- Flame-retardant and halogen-free outer sheath
- Mechanically robust

Technical Data

Optical fibre type

Core material: glass

Temperature range

Cladding material: glass

Fixed installation: -40°C to +70°C

Occasional flexing: -30°C to +70°C

Permissible bending radius

Static: ? 15 x outer diameter

Dynamic: ? 20 x outer diameter