

FIBERLIGN® Suspension



The FIBERLIGN® Suspension provides superior cable and fibre protection at the support point. The combination of structural reinforcing rods, outer rods, 'boltless' housing and resilient inserts reduces compression, clamping, and bending stresses on cable. Negative effects of wind-induced cable motion, such as aeolian vibration, galloping, and wind sway are also minimised. Left-hand or right-hand lay style is provided to suit left-hand or right-hand lay OPGW respectively.

Integral grounding point:

The current transfer tab provides direct electrical bonding between OPGW and a ground lead. The current transfer tab eliminates current transfer through components of the suspension unit.

Grounding wire assembly options:

An earth bonding lead with compression terminal are provided. This assembly can be connected from the FIBERLIGN® Suspension to the ground point in your system. Higher fault current requirements can be accommodated by the use of a 'higher rated' current transfer tab or a second earth bonding lead. Consult PLP for recommendation.

Line Angles:

The maximum recommended line angle for a single FIBERLIGN® Suspension is 30°. For OPGW line angles between 30° and 60°, the FIBERLIGN® Suspension: Double is recommended, although double dead-ending is another option.

- Product subject to cable design, constructions and testing
- Contact PLP with project and cable specification for product recommendation