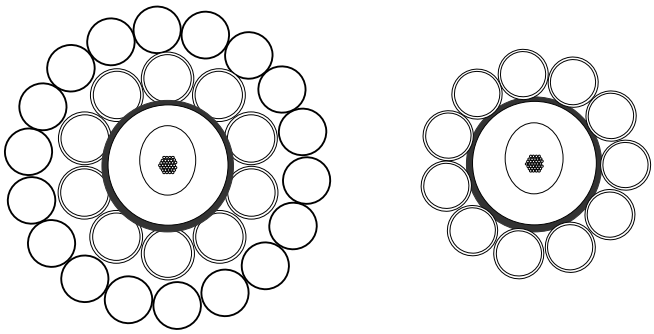
OPTICAL GROUND WIRE – Spiral Space® technology

Cable Design



- not to scale -

- Optical fibres
- Spiral Space®
- Aluminium clad steel wires
- Aluminium Alloy wires

Features and advantages

Prysmian provide taylor made and complete full OPGW system (fittings, boxes, ODF, installation services)

Spiral Space® tube

- High optical fibre strain margin
- High crush resistance
- Easy access to optical core

Superior Corrosion Resistance

- Dissimilar metals are prevented from reacting with one another
- Provides performance without risk of Galvanic Corrosion
- Meets IEEE construction guidelines for use in High corrosion sites

High performance Even in High fibre Counts

- All fibres are housed in the core tube
- Excellent heat protection of fibers
- Armour wires are not replaced with fibre tubes in high count designs. Electrical and mechanical properties can be maintained.

Technical data

Taylor made designs up to 96 optical fibres under request.
Optical unit composed by a Spiral Space® tube
Single or double armour layers.
Temperature range: -40ºC to +85ºC.
Lay direction armour: left (S) or right (Z).

International Standards : IEEE 1138; IEC 60794; IEC 60793; ITU-T Rec. G.650; ITU-T Rec. G.652; ITU-T Rec. G.655; ITU-T Rec. G.656; ITU-T Rec. G.657