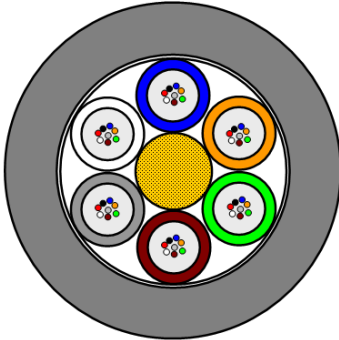


ADLA Optical cable

To be installed to phase conductor or ground wire

Cable design



-not to scale -

- Optical fibres
- Loose buffer tubes
- Water blocking compound
- Pultruded threaded glass rod
- Aramid tapes resistant to hunters shots (optional)
- Outer sheath antitracking XLPE (installed to phase conductor)
- Outer sheath XLPE (installed to ground wire)

Features and advantages

Aerial applications where messenger wire is available, including power lines.

- Fast deployment
- Very light cables
- Applicable for long, medium and short span routes
- Alternative solution for OHTL long length cross rivers (>1km) without replacement of ground wire
- Limited hardware requirement
- Install method allows optimization n° joints
- Available with single or double jacket

Static cable bending radius 20 x cable diameter

Temperature range -40°C to +85°C

Technical data

Number of fibres (x12)	≤	36	72	96	144
Cable diameter	mm	10	11	12	13
Cable weight	kg/km	78	98	110	140

International standards

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

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