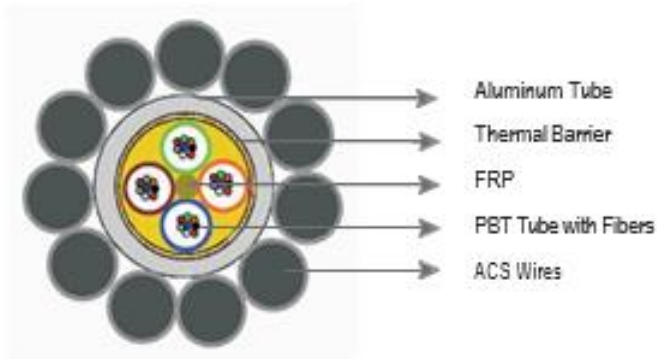


STERLITE AERIAL-LITE™ OPGW Cable

Central Core Aluminum Sheathed Tube Design



Project Description

Sterlite AERIAL-LITE OPGW cable with central core aluminium sheathed tube is made of polymer loose tubes and the outer layer can be a suitable combination of ACS and AA wires for the right ratings as required by the end-user.

Product Feature

- Ideal for very high fiber count requirements -Fiber count up to 144 fibers.
- Optical unit sheathed with aluminum which provides high mechanical protection for the fiber and excellent moisture proofing. The extruded aluminum tube also adds to the fault current receptivity of the cable.
- The stranded wires can be customized to the individual customer requirements of electrical and mechanical properties by adjusting AA/AS combination.

Fiber Count	Product Code	Fault Current (kA ² . sec)	Effective Area (mm ²)	Overall Diameter (mm)	Weight (kg/km)	UTS (KN)	Resistance @ 20degC (ohm/km)
24	24B1-59 [78;39]	39	59	12.5	530	78	0.9
24	24B1-65 [88;47]	47	65	13.4	545	88	0.6
24	24B1-81 [69;41]	47	81	11.8	437	69	0.6

Supply Length

A Maximum length per reel is 4 km. Length per reel is available as per customer request.

Manufacturing Process

To ensure the accuracy and precision of the manufacturing process, Sterlite has a state of the art plant with top of the line machines enabling control of critical process and quality parameters. All Sterlite production lines are backed up with strong quality assurance systems. This is done by ensuring that all process and test equipment's are periodically calibrated with defined benchmarks.

International Standards

These cables comply with IEEE1138:2009 and IEC60794-4 specification standard.

Service USP's

- World-wide sales support.
- Web-based order tracking & customers support.
- Specialised technical support.

Technical Specifications

The above designs are only a sample of the options available from Sterlite Power. Contact our sales team for a cable designed to your exact specifications.

Disclaimer

Sterlite Power Transmission Limited's policy of continuous improvement may result in a change in specification without prior notice. Any warranty of any nature relating to any Sterlite Power products is only contained in the written agreement between Sterlite Power Transmission Limited and the direct purchaser of such products(s).