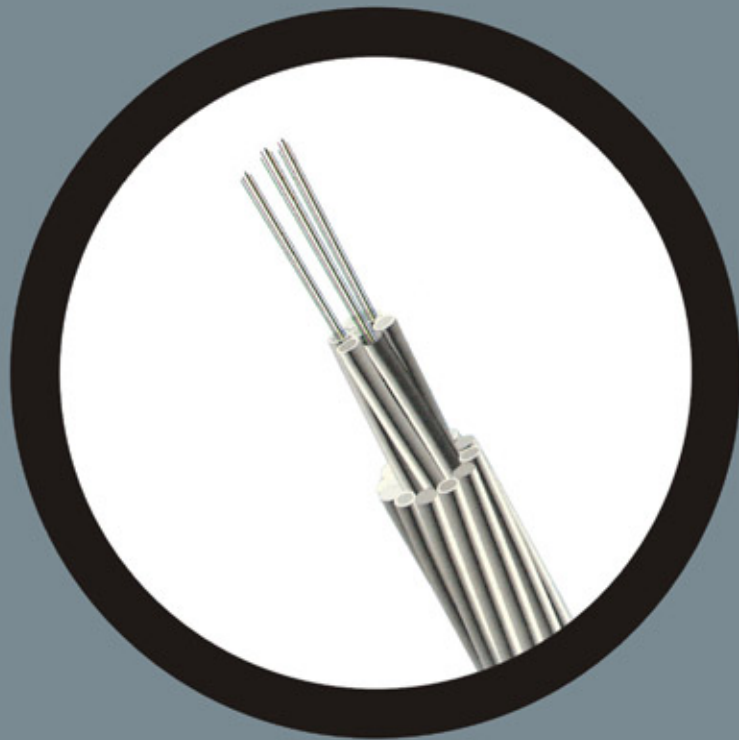
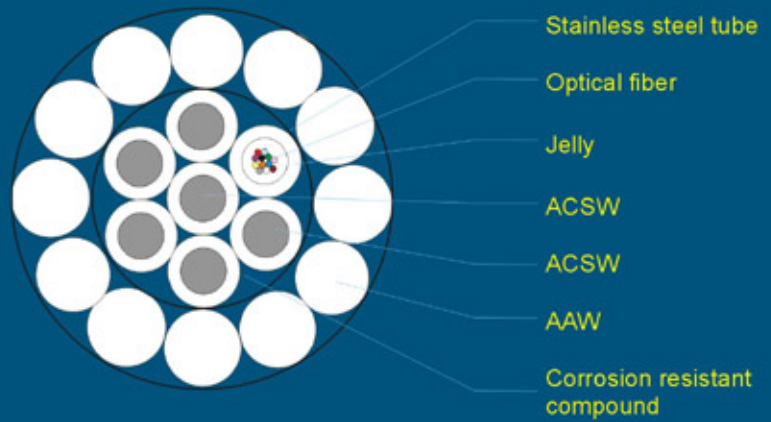


OPGW(I)



Application:

Optical fiber composite ground wire (OPGW) is suitable for installation on new power lines with double function of ground wire and communication, especially for installation on normal voltage and extra-high voltage power lines. OPGW can replace conventional ground wire of old power line with increasing fiber communication function. They conduct short circuit current and provide lightning resistance.

Features:

- Up to 144 fibers
- Cable diameter and weight approximate with another ground wire, less additional load to tower, high tensile strength
- Excellent stainless steel tube stranding technology make the fibers have good secondary excess length and allow the fibers free movement in the tube, which keeps the fiber stress-free while the cable is subjected to longitudinal stress.
- Optical fibers are protected by stainless steel tubes.
- Excellent security, good bullet resist performance
- ACSW, AAW and SST stranded design provide wide range combination of electrical conductivity and mechanical tensile strength.