

# Overhead Stainless-Steel Tube OPGW Fiber Optic Ground Wire Cable



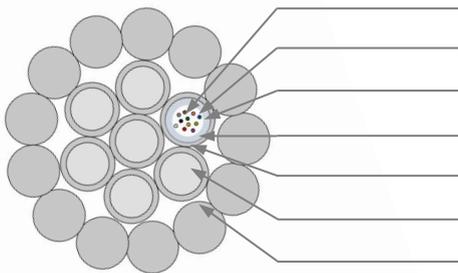
## Description

When aluminum clad steel wire or aluminum alloy wire is used on the opgw fiber cable, it's equivalent to erecting a good conductor overhead ground wire. Which can reduce the secondary arc current of transmission line, reduce the power frequency overvoltage. And also improve the protection of interference and danger of power line on transmission line.

## Features

- OPGW fiber is protected by aluminum clad steel wire or aluminum alloy wire, highly stable and reliable
- Save installation costs without hanging cable required
- Hanging position and electromagnetic corrosion worry free for fiber unit
- Commercial for newly erected lines and replacement for existing ground lines

## Cable Structure



- 1 Optical Fiber
- 2 Tube Filling Compound
- 3 Loose Tube
- 4 Thermal Barrier
- 5 Aluminum Tape
- 6 Aluminum Clad Steel Wire
- 7 Aluminum Alloy Wire

## Technical Characteristics

OPGW Fiber	Strand Unit	Nominal Diameter (mm)	Material	Total Breaking Force (kN)	Elastic Modulus (Gpa)
OPGW 24	5	12.6	20AS	17.75	162
OPGW 30	5	14.55	20AS	17.99	162
OPGW 36	5	15.6	20AS	17.95	162
OPGW 48	5	17.1	20AS	17.53	162

**Applications:** Duct, Aerial