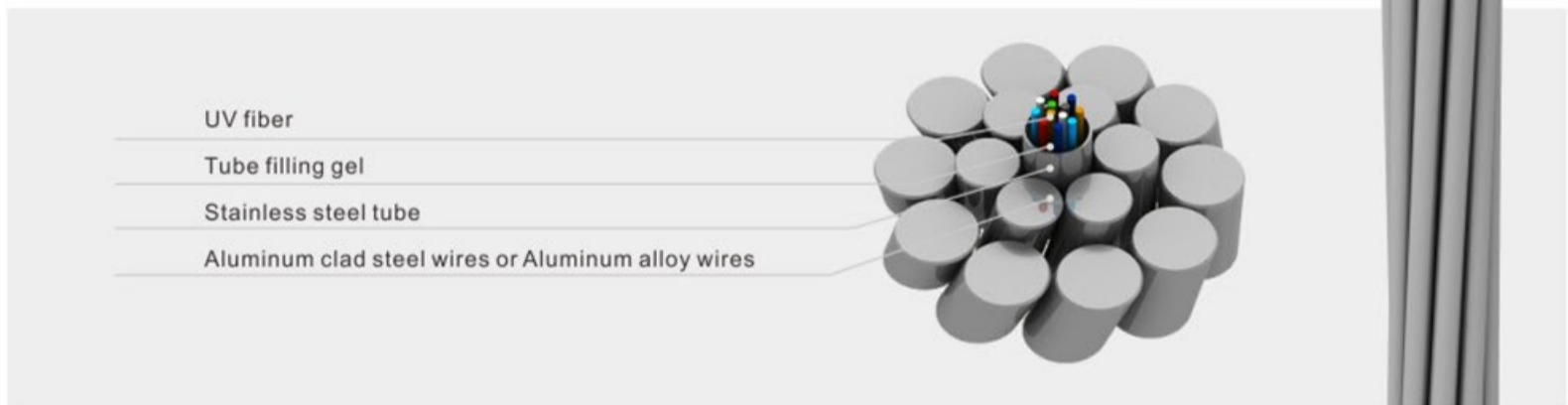




Central Stainless Steel Tape Optical Fiber Composite Overhead Ground Wire

OPGW -Aerial on high-voltage tower

- Aluminum wire
- Central stainless steel tube



Performance

Application

- The actual status of overhead power lines

Operating Temperature

- 40°C~+70°C

Features and Benefits

- Central stainless steel tube
- Anti-corrosion filling compound
- Single layer of AS wires double/triple layers of both AS and AA wires
- Special filling gel in loose tubes
- Strict craft and raw material control enable

- Good mechanical and thermal protection
- Protect optical fiber and cable
- Large short-circuit current capacity
- Provides good protection for optic fiber
- Lifespan over 30 years

Note

- The cable can be Aluminum clad steel wires or Aluminum alloy wires

Technical Specification

Max Fiber	Type	Aluminum clad steel wires (mm ²)	Nominal Diameter (mm)	Nominal Weight (kg/km)	20°C DC resistance (Ω/km)	40-200°C Allowable shortcut current capacity (kA ² .s)	Allowable Tensile Load (kN)
24	6/3.0/20AS 1/3.0OF	40	9	305	≤2.10	≥9	≥51
24	6/3.2/20AS 1/3.2OF	50	9.6	345	≤1.82	≥11.5	≥58
48	6/3.8/20AS 1/3.8OF70	70	11.4	475	≤1.30	≥24	≥77
48	6/3.8/40AS 1/3.8OF70	70	11.4	345	≤0.70	≥38	≥42

*Customized cable structure is available