

## Optical Ground Wire (OPGW)

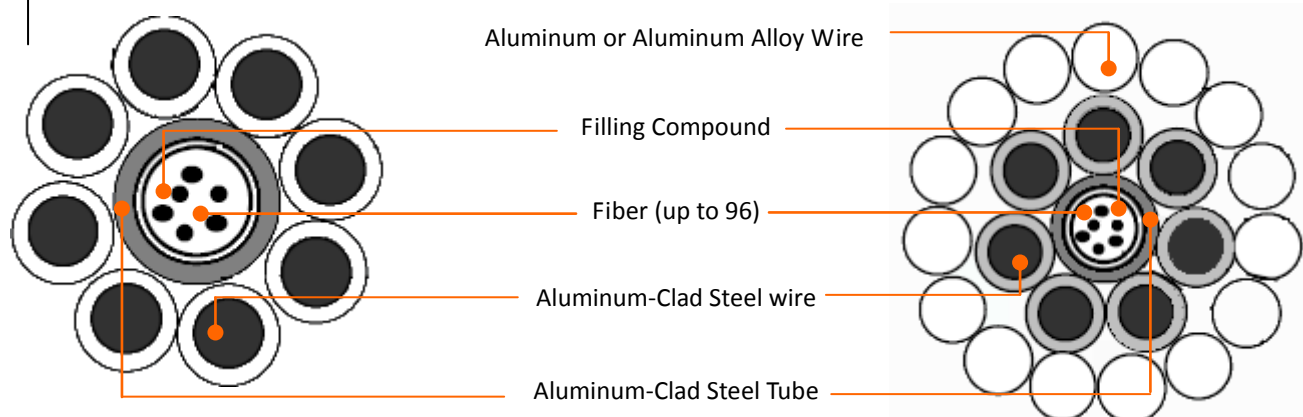
# Aluminium-Clad Steel Tube (ACS)

## Feature:

- Laser welded stainless steel tubes provide mechanical and thermal protection for optical fibers
- Aluminum-clad tube provide extra short circuit current capacity
- Light weight, small diameter
- Good resistance to moisture and hydrogen ingress
- Fiber counts up to 96 fibers
- According to IEC 60793, IEC 60794, IEC 61232, IEEE 1138, ITU-T G.652



## Structure:



## Characteristic:

### Construction

Fiber Count	12-96 fibers
Fiber Optic Tube	Aluminum-Clad Stainless steel
Armor Type	Aluminum-Clad wire or Aluminum-Alloy wire

### Dimensional

Outer Diameter	11-18mm
Weight	400-750 kg/km
Operating Temperature	-20°C to 50°C
Storage Temperature	-30°C to 60°C

### Mechanical

Short Circuit Current Capacity	Up to 200 kA <sup>2</sup> t
Tensile Strength	Up to 100kN
Minimum Bending Radius	20 x OD (Installing)
	10 x OD (Operating)

\*All value are nominal value and may change without notice

## Order Information:

Please contact our nearest sales with following information:

- Fiber count & type
- Short circuit current
- Tensile strength
- Span

*Special cable design is  
available upon request*