



Optical Ground Wire (OPGW)

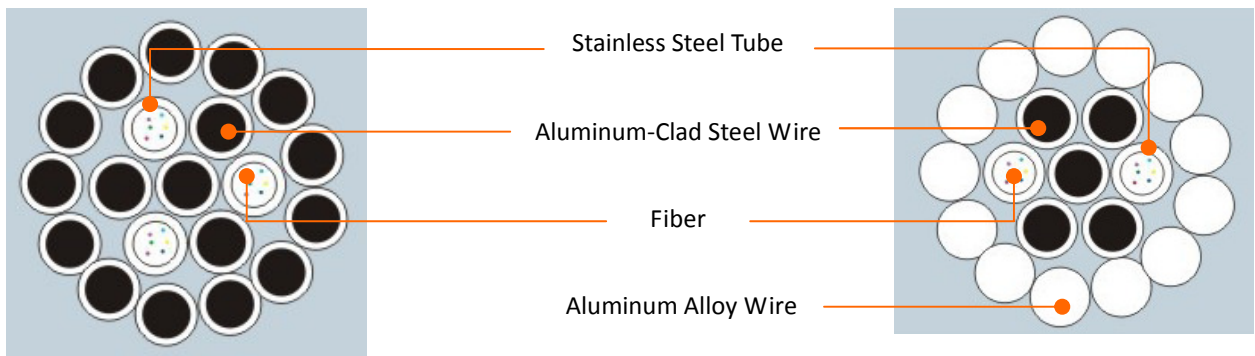
Stranded Stainless Steel Tube (SRD)

Feature:

- Stranded design allow up to three steel tubes
- Laser welded stainless steel tubes provide mechanical and thermal protection for optical fibers
- Light weight, small diameter
- Good resistance to moisture and hydrogen ingress
- Fiber counts up to 144 fibers
- According to IEC 60793, IEC 60794, IEC 61232, IEEE 1138, ITU-T G.652



Structure:





Characteristic:

Construction

Fiber Count	24-144 fibers
Fiber Optic Tube	Laser welded Stainless steel
Armor type	Aluminum-Clad wire; Aluminum-Alloy wire

Dimensional

Outer Diameter	12-18mm
Weight	350-900 kg/km
Operating Temperature	-20°C to 50°C
Storage Temperature	-30°C to 60°C

Mechanical

Short Circuit Current Capacity	Up to 200kA ^{2t}
Tensile Strength	Up to 130kN
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*