

# Figure 8 Layer Stranded Non-Armored Self-Supporting Aerial Cable



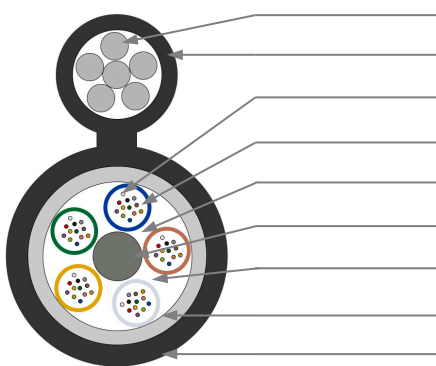
## Description

This aerial figure 8 self supporting armored fiber cable comes with stranded loose tube, APL aluminum tape and central strength member. Other than that, it's also accompanied with a stranded wire for self-supporting aerial installation.

## Features

- Good pressure resistance and flexibility
- Extremely high tensile strength, which is convenient for self-supporting overhead laying
- Reduce installation time and costs
- Single steel wire as central strength member
- Fiber filling compound protection
- Plastic coated aluminum tape (APL) moisture proof layer
- PE sheath has good ultraviolet radiation resistance

## Cable Structure



- 1 Stranded Wire
- 2 PE Sheath
- 3 Optical Fiber
- 4 Tube Filling Compound
- 5 Loose Tube
- 6 Central Strength Member
- 7 Cable Filling Compound
- 8 APL Aluminum Tape
- 9 PE Sheath

## Technical Characteristics

| Fiber Count | Loose Tubes | Fillers | Weight (kg/km) | Crush Long/Short Term (N/100mm) | Tensile Long/Short Term (N/100mm)          | Bending Radius Static/Dynamic (mm) |
|-------------|-------------|---------|----------------|---------------------------------|--|------------------------------------|
| 2~6         | 1           | 4       | 158            | 300/1000                        | According to the Diameter of Stranded Wire | 10D/20D                            |
| 8~12        | 2           | 3       | 158            |                                 |  |                                    |
| 14~18       | 3           | 2       | 158            |                                 |  |                                    |
| 20~24       | 4           | 1       | 158            |                                 |  |                                    |
| 26~30       | 5           | 0       | 158            |                                 |  |                                    |
| 32~36       | 6           | 0       | 167            |                                 |  |                                    |
| 38~48       | 4           | 1       | 172            |                                 |  |                                    |
| 50~60       | 5           | 0       | 172            |                                 |  |                                    |

**Applications:** Self-supporting Aerial