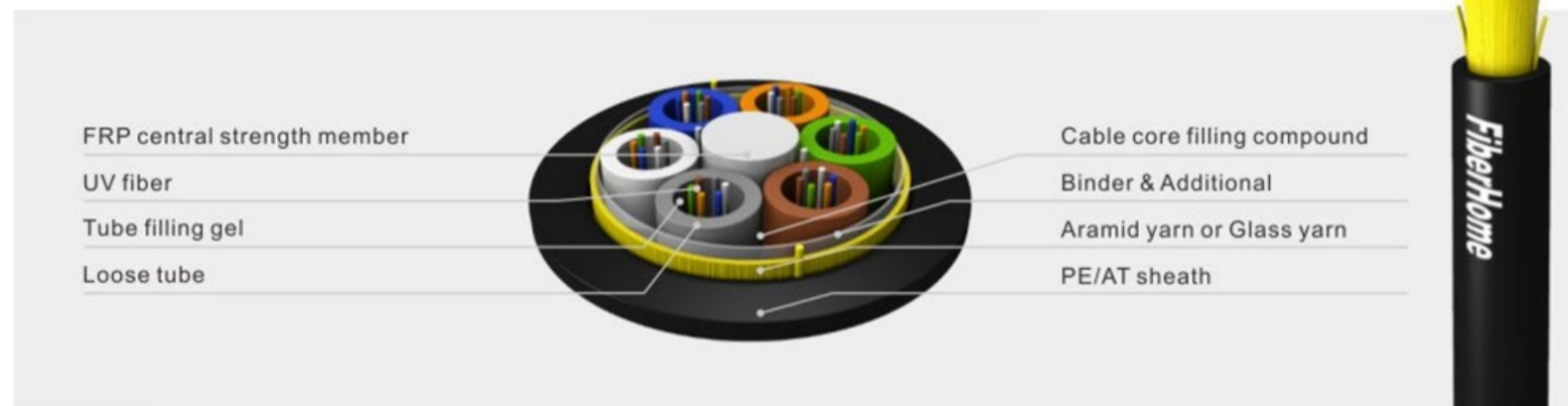




All-Dielectric Self-Supporting

ADSS (short span) -Aerial

- Fiber reinforced plastic central strength member
- Loose tube stranded
- PE sheath all-dielectric
- Self-supporting aerial cable



Performance

Application

- The actual status of overhead power lines

Operating Temperature

- -40°C~+70°C

Features and Benefits

Water-blocking construction

Special filling gel in loose tubes

All dielectric construction design

Strict craft and raw material control enable

Customized longitudinal color strip

High voltage fields

Moisture-proof and prevents water penetration

Reduce or eliminate reflection losses and prevent water penetration

Eliminates electromagnetic induction effect

Lifespan over 30 years

Easy identification, packing and maintenance

Special PEIAT (anti-tracking) outer sheath suitable for installation in induced voltage fields

Note:

- The cable technology parameters and fiber count, weather, span can be designed according to the project's requirement
- For the actual status of overhead power lines and the load on pole and towers suspension point. AT outer sheath is applied
- Span no longer than 200m.

Technical Specification

| Fiber Count | Nominal Diameter (mm) | Nominal Weight (kg/km) | Max Fibers per Tube | No. of (Tubes + Fillers) | Allowable Tensile Load (N) | | Allowable Crush Resistance (N/100mm) | |
|-------------|-----------------------------------|------------------------|---------------------|--------------------------|----------------------------|-----------|--------------------------------------|-----------|
| | | | | | Short Term | Long Term | Short Term | Long Term |
| 2~36 | 10.7 | 92 | 6 | 6 | 2700 | 1000 | 1000 | 300 |
| 38~72 | 11.6 | 103 | 12 | 6 | 2700 | 1000 | 1000 | 300 |
| 74~96 | 13.3 | 149 | 12 | 8 | 2700 | 1000 | 1000 | 300 |
| 98~120 | 14.8 | 180 | 12 | 10 | 2700 | 1000 | 1000 | 300 |
| 122~144 | 16.4 | 222 | 12 | 12 | 2700 | 1000 | 1000 | 300 |
| 146~216 | 18.8 | 224 | 12 | 18 (2layers) | 2700 | 1000 | 1000 | 300 |
| >216 | Available upon customer's request | | | | | | | |