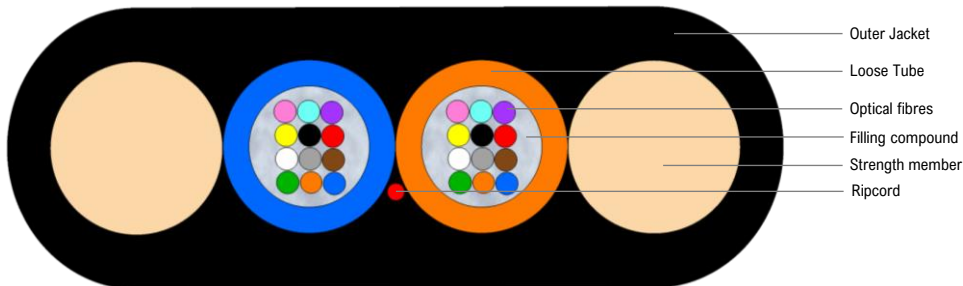


ADSS Flat Cable SC 24F

The cable is suitable for aerial use, due to its high crush resistance is also suitable for direct burial installation into sand bed.



| | |
|------------------|---|
| Fiber count | Up to 24 |
| Fiber Type | G.652.D, G.657.A1, G.657.A2, OM1, OM2, OM3, OM4 |
| Fiber colour | Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua |
| Tube | Gel-Filled PBT buffer tube |
| Tube colour | Blue, Orange |
| Filling compound | Low-viscosity filling gel |
| Strength members | FRP Rod |
| Ripcord | 1x under outer jacket |
| Outer jacket | UV resistant black HDPE |

| | | | |
|-----------------------------------|-----------------------------------|-----------|-------------------|
| Cable outer diameter | 4.2×9.1 | [mm] | |
| Max. Tensile Loading (Short Term) | 1600 | [N] | EN 60794-1-21-E1 |
| Max. Tensile Loading (Long Term) | 650 | [N] | EN 60794-1-21-E1 |
| Max. compressive loading | 4000 | [N/100mm] | EN 60794-1-21-E3 |
| Max. Impact loading | 10 | [Nm] | EN 60794-1-21-E4 |
| Min. bend radius (not load) | 150 mm | [OD] | EN 60794-1-21-E11 |
| Min. bend radius (load) | 250 mm | [OD] | EN 60794-1-21-E11 |
| Operating temperature range | -40 to +70 | [°C] | EN 60794-1-22-F1 |
| Storage temperature range | -40 to +70 | [°C] | EN 60794-1-22-F1 |
| Installation temperature range | -15 to +50 | [°C] | EN 60794-1-22-F1 |
| Water tightness | No water detected on free end | | EN 60794-1-22-F5 |
| Cable Weight (calc.) | 44 | [kg/km] | |
| Class of fire reaction | F _{ca} | | EN 13501-6 |
| Recommended clamps | Type ODWAC (Manufacturer Telenco) | | |

| | |
|-----------------|---|
| Marking Method | Ink-Jet |
| Print legend | OPK –cable type – lot number- length marking per 1 m (customer print legend available on request) |
| Delivery length | 2100 m±5% on plywood reel or solid wooden non-returnable drum |

| Fiber count | Cable Code (Ordering Code) | Installation Sag | Load level (NESC) | Maximum Span |
|-------------|---|------------------|-------------------|--------------|
| 16 | OPK-O-CTFA-16(2x2.0)LTTP-xx-BK | 1.5 % | Light | 95 m |
| 24 | OPK-O-CTFA-24(2x2.0)LTTP-xx-BK | 1.5 % | Medium | 60 m |
| | <i>xx – fiber type (see Cable code datasheet)</i> | 1.5 % | Heavy | 35 m |
| | | 3 % | Light | 100 m |
| | | 3 % | Medium | 80 m |
| | | 3 % | Heavy | 40 m |