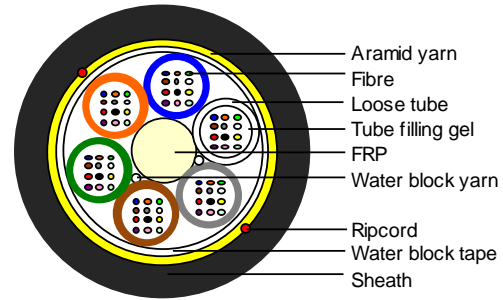


Technical Data Sheet

SSA 12-144F

Short Span ADSS cable with 12-144 fibres for self-support aerial installations



Cable structure

- Thixotropic jelly filled loose tube design
- Tubes SZ stranded around the central strength member
- Water blocking yarns and tape are applied for cable core water ingress protection
- Aramid yarns stranded over the cable core for added tensile strength
- Over sheathed with Black UV-Stabalised HDPE
- Two ripcords laid beneath the sheath

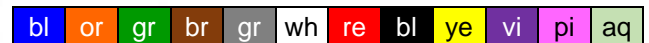
Application

- Optimized for self-support aerial installation
- All dielectric structure suitable for installations on power cable transmission lines below 110KV and normal pole routes
- Maximum Span length 75m
- Working temperature: -20°C~+70°C
- 25 year life expectancy

Characteristics

- Fibre attenuation at 1310/1550nm: $\leq 0.35/0.21$ db/km
- Fibre linear PMD: ≤ 0.06 ps/ $\sqrt{\text{km}}$ (M=20, Q=0.01%)
- Installation tensile resistance: 2 times cable weight with a zero percent fibre strain
- Crush resistance: 2000N
- Water penetration: 3m sample, 1m water column, for 24h
- Cable print: SSA, fibre count, fibre type, YOAC, production date, cable ID number, meter count

Color code for fibre and tube



Dimension						
Type	Fibre type	Fibre per tube	Tube diameter	Cable diameter	Cable weight	Drum length
SSA 12-24F	G657A1	6	2.1mm	9.6mm	75kg/km	4km
SSA 48F	G657A1	12	2.4mm	10.4mm	90kg/km	4km
SSA 72F	G657A1	12	2.4mm	11.2mm	105kg/km	4km
SSA 96F	G657A1	12	2.4mm	12.8mm	135kg/km	4km
SSA 144F	G657A1	12	2.4mm	15.8mm	205kg/km	4km