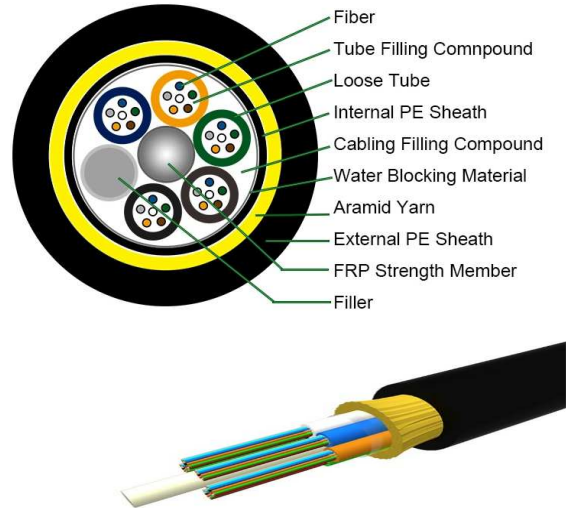


# Cavo Technology

## ALL DIELECTRIC SELF-SUPPORTING AERIAL FIBER OPTIC CABLE

### FEATURES

- Accurate fiber excess length ensures good mechanical and temperature
- The loose tubes and all interstices of cable core filled with moisture-proof and water blocking compound ensure no longitudinal water ingress
- Specially designed compact structure is good at preventing loose tubes from shrinking
- Large span lengths and the largest span is over 1000 meters
- PE(Polyeththlene) or AT(Anti-tracking) outer jacket can resist deterioration from ultra-violet(UV) rays
- Light weight and small diameter reducing the load caused by ice and wind and the load on towers and backprops
- High strength loose tube that is hydrolysis resistant and special tube filling compound ensure a critical protection of fiber
- The design life span is over 30 years



### APPLICATION

- Burial Outdoor
- Self-support aerial installation

### SPECIFICATION

MODEL	FIBER COUNT	O.D.	TUBE COUNT	NORMAL WEIGHT	Rec. daily Max. working tension MOTS	Max. allowable working tension MATS	Break strength RTS	MODULUS OF ELASTICITY	HEAT EXPANSION COEFFICIENT
		mm		kg/km	kN	kN	kN	kN/mm <sup>2</sup>	(×10 <sup>-6</sup> /K)
ADSS-AT	12	12.5±0.5	6	145	1.5	4	10	7.6	1.8
ADSS-PE	24	12.5±0.5	6	125	1.5	4	10	7.6	1.8

Maximum field voltage: 25kV(ADSS-AT); 12kV(ADSS-PE)

Note: The actual weight of optical cable may have some tolerance with the above stated value

### ENVIRONMENTAL CHARACTERISTICS

ITEM	CHARACTERISTICS
Operation Temperature	-40°C~+70°C
Storage Temperature	-40°C~+70°C

### Ordering Information

1. Cable type: Single Mode (SM) or MultiMode (MM)
2. Fiber Type: SM (G652D, G655C)
3. Fiber Count: 12core - 96 cores
4. Cable length: 1000M / Drum (Customized, MOQ=2000M)
5. Cable Jacket: Outer Sheath Black - PE, HDPE
6. Part Number: CV-ADSSXXYYZPE XX = Cores YY = SM/MM Z = 5(50um)/6(62.5um)9(9um)