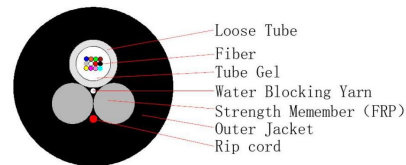
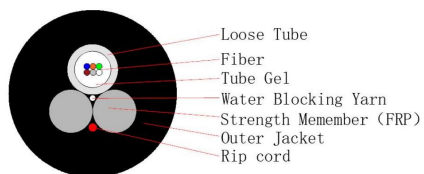


ZKFSASU-06C-4KM / ZKFSASU-12C-4KM**Product Description**

ADSS optical cable adopts a loose sleeve layer twisting structure, in which 250um optical fiber is inserted into a loose sleeve made of high modulus material. Fill with waterproof compound inside. The loose tube (and filling rope) is twisted around the non-metallic center reinforcement core (FRP) to form a compact cable core. Fill the gaps of the cable core with waterproof grease. The cable core is extruded with a polyethylene (PE) inner sheath, and then twisted with aramid for reinforcement, Finally, extrude a polyethylene (PE) outer sheath or an anti scratch (AT) outer sheath.

Geometrical		
Characteristics	Unit	Value
Fiber Type	/	Single-mode
Core Diameter	μm	9.2 ± 0.4
Cladding Diameter	μm	125.0±1.0
Cladding Non-circularity	%	≤1.0
Core-Cladding Concentricity Error	μm	≤1.5
Coating Diameter	μm	245±10.0
Coating-Cladding Concentricity Error	μm	≤12

STRUCTURE PARAMETER		
Item	Value	
Span	80 m	
Fiber Counts	6	12
Operation temperature	IEC 60794-1-2 F1 -20℃~+65℃	IEC 60794-1-2 F1 -20℃~+65℃
Maximum tension during installation	1250N (Additional attenuation≤0.1dB)	
Cable diameter	6.6±0.3	6.6±0.3
Loose casing Color	Black	
Loose casing diameter	2.0±0.1	2.0±0.1
Reinforcements diameter(mm)	1.8±0.05	1.8±0.05
Nominal Thickness of outer jacket	1.1±0.1	1.1±0.1
Maximum working tensile strength	800N	
compressive strength	1000N/10cm	
minimum bend radius	Install 20D, operate 10D	
Tubes	1	1
Fiber Identification	Blue Orange Green Brown Grey White	Blue Orange Green Brown Grey White Red Black Yellow Violet Pink Aqua
OD of Tube	2.0±0.1 mm	
Thickness of Tube	0.30±0.05 mm	
Color of Tube	Natural	Natural
FRP	1.8 mm * 2	
Ripcord	Polyester * 1	
Water Blocking Material	Water Blocking Yarn	
Application	outdoor	
Material of Sheath	MDPE	
OD of Cable	6.3±0.4 mm	6.6±0.3 mm
Cable Weight(±10%)	41.0 kg/km	42.0 kg/km
Drum	Height * Width * Inner diameter (mm) 800*800*350	Height * Width * Inner diameter (mm) 800*800*350

