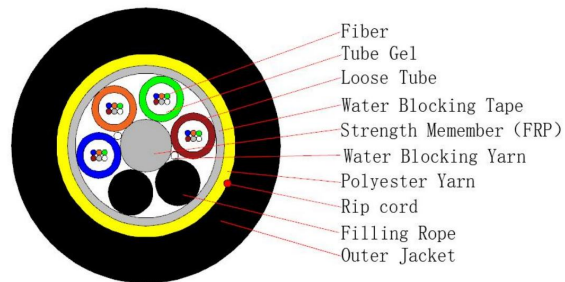


ZKFSASU-24C-4KM



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
Coating Diameter	μm	245 ± 10.0
Coating-Cladding Concentricity Error	μm	≤ 12.5
Cable cut-off wavelength	nm	≤ 1260
STRUCTURE PARAMETER		
Item	Value	
Span	100 M	
Fiber Counts	24	
Operation temperature	IEC 60794-1-2 F1 $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$	IEC 60794-1-2 F1 $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$
Cable diameter (mm)	10.1 ± 0.5	
Loose casing Color	Black	
Loose casing diameter	1.9 ± 0.1	
CSM diameter /pad diameter (mm)	2.0/2.0	
Nominal Thickness of outer jacket (mm)	1.8	
Tubes	4	
Tube Material	PBT	
Fiber Count/ Tube	6	
Maximum working tensile strength	1800	
compressive strength	1000N/10cm	

STRUCTURE PARAMETER	
Fiber Identification	Blue Orange Green Brown Grey White
OD of Tube	1.9±0.1 mm
Thickness of Tube	0.30±0.05 mm
Color of Tube	Blue Orange Green Brown
FRP	2.0 mm
Ripcord	Polyester *1-Red
Water Blocking Material	Water Blocking Yarn and Water Blocking Tape
Material of Sheath	HDPE
OD of Cable	10.1±0.3 mm
Weight(±10%)	91 kg/km
Thickness of Sheath	Nominal 1.9 mm
Peripheral Strength	Polyester yarn
Drum	Height * Width * Inner diameter (mm) 1100*700*400

