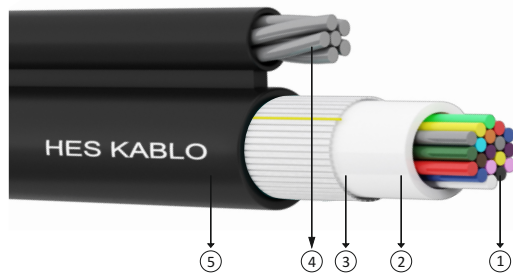




## OUTDOOR AERIAL CABLES | Single Loose Tube, Steel Wire Rope, UnArmoured



- 1 Fiber
- 2 Loose Tube
- 3 Aramid/Glass Yarn
- 4 Messenger Wire
- 5 Outer Sheath

### Loose Tube Colors

Natural

### Fiber Colors

Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Turquoise and Black ringed colors.

**Inner Sheath** : N/A

**Armour** : N/A

**Outer Sheath** : Black MDPE, Thickness nominal 1,5 ± 0,1 mm.

### Applications

They are used by hanging from sings between the poles in aerial lines within long range and local communication networks.

### Construction

Colored fibers are placed in the central Loose tube. They are covered with MDPE material using aramid / glass yarns and sling.

### TECHNICAL PROPERTIES

Number Of Fiber	Loose Tube Outer/Inner Diameter (mm)*	Cable Diameter *	Cable Weight (Kg/km) *
4	3,0/2,0	7,0/15,3	108
6	3,0/2,0	7,0/15,3	108
8	3,0/2,0	7,0/15,3	108
12	3,0/2,0	7,0/15,3	108
16	3,0/2,0	7,0/15,3	108
24	3,0/2,0	7,0/15,3	108

### MECHANICAL AND ENVIRONMENTAL PROPERTIES

Physical Tests	Conditions	Standard
Tensile Strength	2000 N Tensile Strength (Installation) 1000 N Tensile Strength (Operation)	IEC 60794-1-21-E1
Impact Resistance	10J, 3 impacts	IEC 60794-1-21-E4
Crush Resistance	2000 N / 10cm	IEC 60794-1-21-E3
Bend Radius (During Installation)	30x Cable Diameter	IEC 60794-1-21-E11
Bend Radius (During Service)	15x Cable Diameter	IEC 60794-1-21-E11
Operation Storage and Transportation	-40 to +70 ° C	IEC 60794-1-22-F1
Installation Temperature	-30 to +60 ° C	N/A
Water Penetration Test	N/A	IEC 60794-1-22 F5
Fire Test**	N/A	N/A

\* : Tolerance ±10%.

\*\* : These test case apply to HFFR sheathed cables.