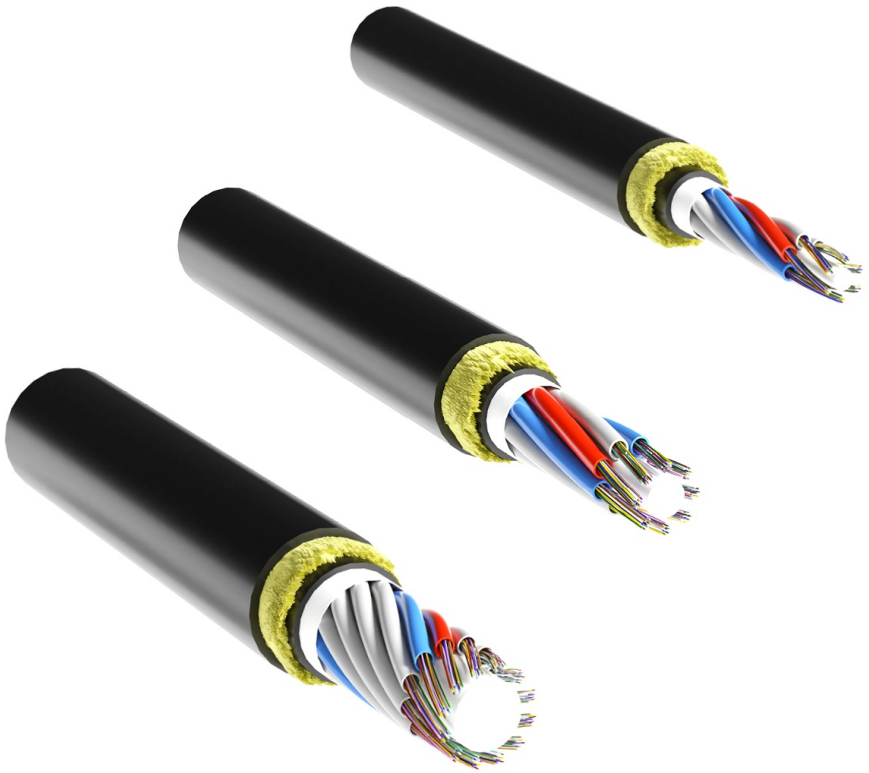


ADSS Loose Tube Aerial Cable

GRHLGL 12-144 fibers G652D StdE 14.5-18.0 kN

Features

- Concentric core design
- 24-144 fibers
- Max span length 200-500 m
- Self-supporting
- Non-metallic

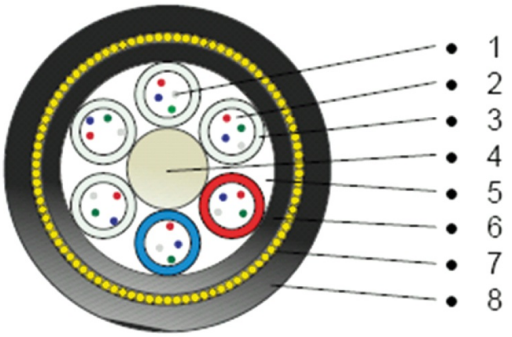
Application

The cable is an ADSS, non-metallic cable using concentric core design. The cable is based on the GRHLDV cable but with a layer of aramid yarn as strength member covered with a second sheath enabling a robust cable design.
The cable is suitable for installation in rough climates with high ice-loads and max span length 200-500 m. There is a suitable cable (TOL 403 2002) for shorter length.
It can be installed adjacent to power lines up to 120 kV.
This cable is part of our Aerial Cable System comprising cables, installation and network materials.

Design

The cable is a dual sheathed non-metallic cable using concentric core design and aramide yarns as strength member between the sheaths.

Product Information



1 Primary coated fiber: Silica, acrylate
2 Filling compound: Thixotropic gel
3 Loose tube: PBT
4 Central strength member: Glass fiber reinforced plastic
5 Water blocking: Swellable tape/yarns
6 Sheath: Polyethylene (black)
7 Strength member: Aramid yarns
8 Sheath: Polyethylene (black)

Technical Information

Product Color	Green Jacket
Color Code	STDE

Water Blocking	Longitudinal water blocking according to IEC 60794-1-2-F5B
Fiber Type	G652D
Attenuation @Wavelength [nm]	1310/1550/1625
Maximum Attenuation [dB/km]	0.36/0.23/0.25
Conformance	Longitudinal water blocking according to IEC 60794-1-2-F5B. Mechanical and environmental tests in accordance with IEC 60794-1. Fiber parameters and tests according to the IEC series 60793-2 and 60793-1.
Marking	Example of sheath marking, 1 time/meter: “HEXATRONIC A35 yymmddhh TOL4032008/96A GRHLGL-L-CDFNRV 96/T12 G652D STD xxxxx m" where yymmddhh = year, month, day and hour of manufacture, xxxxx=running meter marking.
Ordering Information	Supplied lengths: 2, 4, 6 or 8 km

Technical Details

	1	2	3	4	5	6	7	8	9	10	11	12
Std-E Fibers	Red	Blue	White	Green	Yellow	Grey	Brown	Black	Orange	Violet	Pink	Turquoise
	13	14	15	16	17	18	19	20	21	22	23	24
	Red |	Blue |	White |	Green |	Yellow |	Grey |	Brown |	Clear |	Orange |	Violet |	Pink |	Turquoise |

	1	2	3-6	7	8-16
Std-E Tubes	Red	Blue	White	Blue	White

Articles 8

Article name	No. of Fibers	Layout	Crush [lbs/4"]	Diameter Ø [mm]	Weight [lbs/kft]	Length [ft]
GRHSLLDV 6 G652.D (1x6f) 14.5kN-15 TOL4032008/6A	6	1x6	2500	15	0.17	6000/K22
GRHLGL 12/T4 G652D STD TOL4032008/12A	12	1x12	2500	15	0.16	6000/K22
GRHLGL 24/T4 G652D STD TOL4032008/24A	24	1x24	2500	15.1	0.16	6000/K22
GRHSLLDV 36 G652D, 14.5kN-15 mm TOL4032008/36A	36	6x6	2500	14.8	0.17	6000/K22
GRHLGL 48/T8 G652D STD TOL4032008/48A	48	1x48	2500	15.1	0.17	2000/K12, 6000/K22, 4000/K16
GRHSLLDV 72 G652, 14,5kN-16,5 mm TOL4032008/72A	72	6x12	2500	16.5	0.21	4000/K20
GRHLGL 96/T12 G652D STD TOL4032008/96A	96	8x12	2500	18.9	0.25	8000/K24, 6000/
GRHLGL 144/T12 G652D STD TOL4032008/144A	144	12x12	2500	23.0	0.37	7300/K26, 4000/K24

