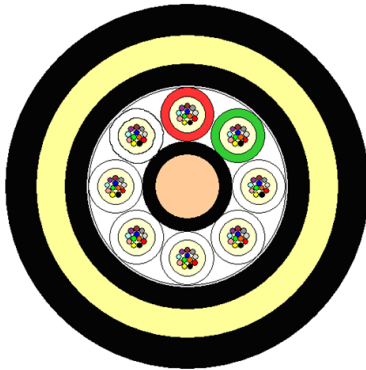


## ADSS, HT lines

Installation in aerial, up to 800m span

### Cable design



-not to scale -

- Central Strength Member (CSM)
- Loose Tube containing fibres and filled with a suitable water tightness compound.
- Loose tubes SZ stranded around the CSM.
- Longitudinal Water Tightness: dry core with water swellable elements.
- Inner Sheath: PE. Ripcords underneath the sheath.
- Peripheral Strength Elements: aramid yarns.
- Ripcords
- Outer Sheath: tracking resistant compound<sup>1</sup>. Black.

<sup>(1)</sup> The outer sheath is tracking resistant up to 25kV according to specification IEEE P 1222 §3.7 Class B, Test requirement §4.1.13, 5.1.13 and Annex A"

### Features and advantages

#### Installation in aerial, up to 800m span.

- ADSS (All Dielectric Self Supported) cables are designed for aerial installations, especially for use in electrical power lines.
- As this cable design does not contain any metallic elements and have sheath protection against tracking effect, it could be installed on medium and high voltage lines.
- Unaffected by electromagnetic fields, ADSS cables can be installed and maintained on extra high-voltage power lines without interruption of power service to customers.

**Static cable bending radius** 10 x cable diameter

**Temperature range** -40°C to +70°C

### Technical data

Number of fibres (x12)	≤	12	24	36	48	60	72	96	144
Cable diameter	mm	16.2	16.2	16.2	16.2	16.2	16.2	17.6	18.0
Cable weight	kg/km	220	220	220	220	220	220	260	274

### International standards

IEC 60794; IEC 60793; IEEE 1222 ; ITU-T Rec. G.650; ITU-T Rec. G.652 ; ITU-T Rec. G.655 ; ITU-T Rec. G.656 ; ITU-T Rec. G.657

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