ADSS 6kN

Aerial cable

APPLICATION

Round all-dielectric self-supporting aerial cable to be installed into overhead power lines. Also for arctic climate with heavy ice or wind loads up to span lengths 85 m. Large temperature range.

CONSTRUCTION

Optical fibre	Coloured optical single-mode fibre (ITU-T G.652.D)
Secondary coating	Thermoplastic loose tube containing 6 or 12 fibres, fully filled with non-toxic and dermatological safe compound.
Fillers	Solid plastic fillers, if applicable.
Central element	Central element consists of fibre reinforced plastic (FRP), if applicable covered with a polyethylene layer to fit into the cable core.
Cable core stranding	Loose tubes and fillers are SZ-stranded around the central element
Longitudinal water tightness	Cable core is filled with filling compound
Inner sheath	Black homogeneous weather resistant polyethylene sheath
Peripheral strength element	Layer of aramid yarns
Outer sheath	Black homogeneous weather resistant polyethylene sheath

PROPERTIES

Temperature range	
Transport, storage, operation	-45 ... +60 °C
Installation	-15 ... +60 °C
Crush strength	1500 N/100 mm
Max. ice load	3.0 kg/m
Max. span	85 m

SSTL no	Type ADSS 6kN	Diameter mm	Long term tension N	Bending radius during installation/ installed mm	Mass kg/km	Drum / std. delivery length km
0242596	2x6xSML	12.9	6000	260/200	130	K16/4
0242597	4x6xSML	12.9	6000	260/200	130	K16/4
0242595	8x6xSML	14.2	6000	290/220	170	K16/4
0242598	8x2x6xSML	14.5	6000	290/220	175	K16/4

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