

ADSS 22kN

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 300 m. Large temperature range.	
CONSTRUCTION	Optical fibre Secondary coating Fillers Central element Cable core stranding Longitudinal water tightness Inner sheath Peripheral strength element Outer sheath	Coloured optical single-mode fibre (ITU-T G.652.D) Thermoplastic loose tube containing 12 fibres, fully filled with non-toxic and dermatological safe compound. Solid plastic fillers Central element consists of fibre reinforced plastic (FRP), if applicable covered with a polyethylene layer to fit into the cable core. Loose tubes and fillers are stranded around the central element Cable core is filled with filling compound Black homogeneous weather resistant polyethylene sheath Layer of aramid yarns Black homogeneous weather resistant polyethylene sheath
PROPERTIES	Temperature range Transport, storage, operation Installation Crush strength Max. ice load Max. span	-40 ... +70 °C -15 ... +60 °C 2000 N/100 mm 2.5 kg/m 300 m

SSTL no	Type	Diameter	Long term tension	Bending radius during installation/ installed	Mass	Drum / std. delivery length
	ADSS 22kN	mm	N	mm	kg/km	km
0242480	12xSML	15.8	22 000	320/240	190	K18/4
0242481	2x12xSML	15.8	22 000	320/240	190	K18/4
0242482	4x12xSML	15.8	22 000	320/240	190	K18/4
0242483	8x12xSML	17.6	22 000	350/260	220	K20/4

Colour code

Fibre	1	2	3	4	5	6	7	8	9	10	11	12
Colour	blue	yellow	red	white	green	violet	orange	grey	aqua	black	brown	pink
Tube	1	2	3	4	5	6	7	8				
Colour	red	green	white	white	white	white	white	white				

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