

CCST 62 ACSR 20(24)kV W

EN 50397-1

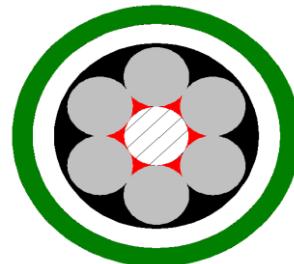
Conductor, ACSR

Extruded, longitudinal waterblocking layer

Extruded, inner semiconductive layer

Insulation of PE

Outer layer of UV-resistant HDPE



Conductor and all layers simultaneously manufactured in one operation

Crossection	62	[mm ²]
Lay up of conductor	(6+1)x3,37	[-]
Conductor diameter, bare conductor, nom	10,11	[mm]
Inner semi conductive layer, thickness, nom	0,3	[mm]
Inner PE insulation, thickness, nom	1,2	[mm]
Outer UV-resist. PE-insulation, thickness, nom	1,1	[mm]
Diameter over covering, nominal	15,4	[mm]
Weight, nom	331	[kg/km]
Rated operating voltage	20(24)	[kV]
DC-resistance at 20°C, maximum	0,536	[Ohm/km]
Resistance temp. coefficient	0,004	[/°C]
Lightening impulse withstand strength of PE layer	100	[kV]
Maximum continuous operating temperature	70	[°C]
Max load (IEC61597), cond.temp 70 °C, air temp. 20°C, wind speed 0,5 m/s, Solar radiation 1000W/m ² , Approximate value	254	[A]
Max short circuit current, 1 sec	3,9	[kA]
Tensile strength of conductor, minimum	18,6	[kN]
Aluminium alloy	Al1/ST1A	[-]

All illustrations and specifications of weights, size and dimensions are indicative only

Minimum Bending Radius: 10xD

Minimum Temperature for installation: -15°C (-20°C with extra care)

