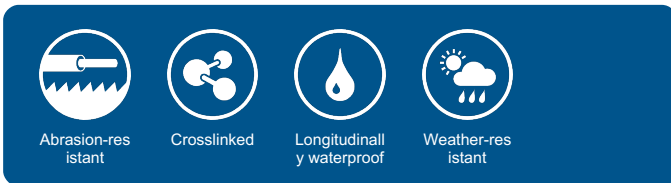


CCSX - HYBRID



CCSX W Hybrid is a round-wire, non-compacted, crosslinked covered conductor designed for reliable performance in overhead line applications. All conductors are longitudinally water blocked, effectively preventing water ingress and reducing the risk of corrosion.

All three layers are extruded in a single process to ensure consistent quality and optimal functionality. The UV-protected HDPE jacket provides excellent resistance to abrasion and tracking, ensuring long-term durability in outdoor environments.

APPLICATION

CCSX-Hybrid is a thermoset (XLPE) covered conductor with maximum operating temperature of +80°C. CCSX-Hybrid is a round-wire, non-compacted, coated overhead line conductor. The conductor is longitudinally water-blocked by extruded polymer between each layer of the conductor.

The longitudinally water-blocked conductor and the three extruded layers are manufactured in a single, integrated process to ensure optimal quality and performance.

STANDARDS

Construction
EN50397-1

APPROVAL



CONSTRUCTION

Bending radius - Extraction
15 xOD

Bending radius - Final mount fixed
10 xOD

Color
Grey

Conductor
AAAC, ACSR, ACSC

Insulation
XLPE

Labeling example
AMOKABEL-K CCSX 99 AAAC 20(24)kV W HYBRID EN50397-1
year/month, meter marking

Outer sheath
HDPE

Semiconductor
Yes, extruded

PROPERTIES

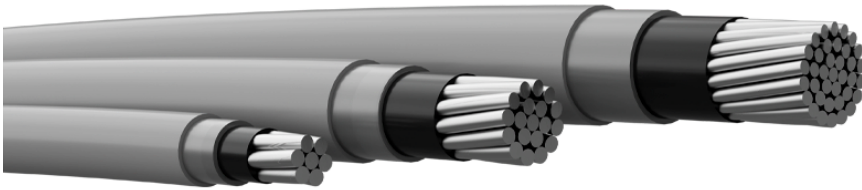
Max. Short circuit temperature
250

Max temperature
80 °C

Min. temperature
-20 °C

UV resistance
Yes

Watertightness
Yes



Name	Article number	Cross section [mm ²]	Outer diameter [mm]	Total weight [kg/km]	Strand diameter [mm]	Number of strands [pcs]
CCSX 25 ACSC 22kV W Hybrid	10081	25	11.8	253	2.12	7
CCSX 50 AL7 20(24)kV W Hybrid	10787	50	14.44	247	3.08	7
CCSX 62 ACSR 22kV W Hybrid	10079	62	15.55	340	3.37	7
CCSX 62 AL7 20(24)kV W Hybrid	10788	62	15.31	285	3.37	7
CCSX 70 AL7 22kV W Hybrid	11671	70	16.15	323	3.57	7
CCSX AL7 70 33kV - Hybrid	11672	70	18.57	385	3.57	7
CCSX 99 ACSR 20(24)kV W Hybrid	10864	99	17.95	489	4.25	7
CCSX 99 AL7 22kV W Hybrid	10933	99	18.19	429	4.25	7
CCSX 99 AL7 52kV W Hybrid	10690	99	21.35	530	4.25	7
CCSX 120 AL7 20(24)kV W Hybrid	10789	120	19.4	506	2.84	19
CCSX 120 AL7 22kV W Hybrid	11670	120	19.64	516	2.84	19
CCSX 120 AL7 33kV W Hybrid	10709	120	22.06	568	2.84	19
CCSX 120 AL7 ET W Hybrid	11616	120	26.2	735	2.84	19
CCSX 159 AL7 22kV W Hybrid	10080	159	21.74	642	3.26	19
CCSX 159 AL7 33kV W Hybrid	10938	159	24.16	724	3.26	19
CCSX 159 AL7 52kV W Hybrid	11472	159	24.9	751	3.26	19
CCSX 185 AL7 33kV W Hybrid	10790	185	25.46	824	3.52	19
CCSX AL7 185 33kV Hybrid	11673	185	25.46	739	3.52	19
CCSX 241 AL7 22kV W Hybrid	10937	241	25.54	939	4.02	19
CCSX 241 AL7 33kV W Hybrid	10791	241	27.96	1023	4.02	19

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