

Cord Coiled Charging Cable – 22kW

Technical Product Datasheet



Mode 3, Type 2, 32A, 3 Phase For Electric Vehicles

Part Number	CRDCBL05M22KW-COIL	CRDCBL07M22KW-COIL	CRDCBL10M22KW-COIL	CRDCBL15M22KW-COIL
Model	Cord Coiled Charging Cable 5 metre 380V 32A 22kW	Cord Coiled Charging Cable 7.5 metre 380V 32A 22kW	Cord Coiled Charging Cable 10 metre 380V 32A 22kW	Cord Coiled Charging Cable 15 metre 380V 32A 22kW
Connector on vehicle side	type 2 (IEC 62196-2)	type 2 (IEC 62196-2)	type 2 (IEC 62196-2)	type 2 (IEC 62196-2)
Connector on infrastructure side	type 2 (IEC 62196-2)	type 2 (IEC 62196-2)	type 2 (IEC 62196-2)	type 2 (IEC 62196-2)
Charging mode	Mode 3 (IEC 61851-1)	Mode 3 (IEC 61851-1)	Mode 3 (IEC 61851-1)	Mode 3 (IEC 61851-1)
Rated voltage U _N [V] AC ± 10%	480	480	480	480
Rated frequency f _N [Hz]	50	50	50	50
Rated current I _N [A]	32	32	32	32
Max. charging power[kW]	22	22	22	22
Connection	3-phase	3-phase	3-phase	3-phase
Water resistance (when mated)	IP65	IP65	IP65	IP65
Water resistance (with protective cap)	IP55	IP55	IP55	IP55
Cable type	EVC H07BZ5-F	EVC H07BZ5-F	EVC H07BZ5-F	EVC H07BZ5-F
Overall length [mm]	5,000	7,500	10,000	15,000
Cable length [mm]	4,600	7,100	9,600	14,600
Coiled Length [mm]	340	520	700	1,120
Useable (stretched) length [mm]	3,500	5,250	7,000	10,500
Coil diameter [mm]	84	84	84	84
Cable cross-section [mm ²]	5 x 6.0mm ² + 1 x 0.5mm ²	5 x 6.0mm ² + 1 x 0.5mm ²	5 x 6.0mm ² + 1 x 0.5mm ²	5 x 6.0mm ² + 1 x 0.5mm ²
Cable diameter [mm]	16.8	16.8	16.8	16.8
Weight [g]	3,100	4,400	5,600	8,100
Standards	IEC 61851, EN 62196	IEC 61851, EN 62196	IEC 61851, EN 62196	IEC 61851, EN 62196
Permissible ambient conditions [°C]	-30 to +50	-30 to +50	-30 to +50	-30 to +50
Impact rating	IK10	IK10	IK10	IK10
Crush resistance	2.0 tonne	2.0 tonne	2.0 tonne	2.0 tonne
Tested to 'x' number of insertions	10,000	10,000	10,000	10,000

