

# Cord Coiled Charging Cable – 7.4kW

## Technical Product Datasheet



## Mode 3, Type 2, 32A, 1 Phase For Electric Vehicles

Part Number	CRDCBL05M07KW-COIL	CRDCBL07M07KW-COIL	CRDCBL10M07KW-COIL	CRDCBL15M07KW-COIL
Model	Cord Coiled Charging Cable 5 metre 230V 32A 7.4kW	Cord Coiled Charging Cable 7.5 metre 230V 32A 7.4kW	Cord Coiled Charging Cable 10 metre 230V 32A 7.4kW	Cord Coiled Charging Cable 15 metre 230V 32A 7.4kW
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%	250	250	250	250
Rated frequency f N [Hz]	50	50	50	50
Rated current I nA [A]	32	32	32	32
Max. charging power[kW]	7	7	7	7
Connection	1-phase	1-phase	1-phase	1-phase
Water resistance (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	550	750	1,170
Useable (stretched) length [mm]	3,500	5,250	7,000	10,500
Coil diameter [mm]	65	65	65	65
Cable cross-section	3 x 6.0mm <sup>2</sup> + 1 x 0.5mm <sup>2</sup>	3 x 6.0mm <sup>2</sup> + 1 x 0.5mm <sup>2</sup>	3 x 6.0mm <sup>2</sup> + 1 x 0.5mm <sup>2</sup>	3 x 6.0mm <sup>2</sup> + 1 x 0.5mm <sup>2</sup>
Cable diameter [mm]	13.5	13.5	13.5	13.5
Weight [g]	2,400	3,300	4,200	6,000
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

