HK Cable

Electric Vehicle Cable

Energy Saving

Green Environment

INDEX

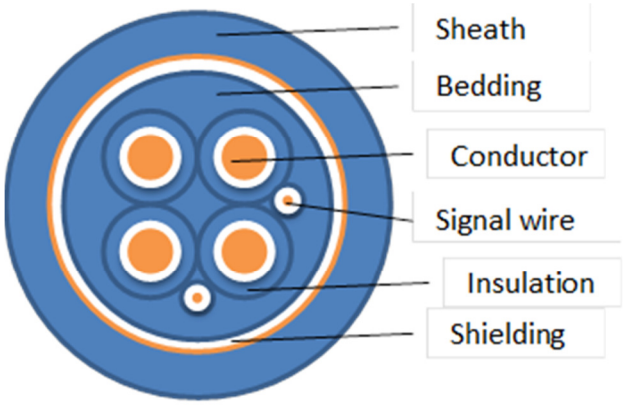
TUV/DEKRA EV Charging Cable

Type: EV07E2QC4Q-H

Application:

The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics



- Resistant to cold, abrasion, oil, chemical, water and UV.
- ROSH and REACH complied
- Resistant to external load pressure and thermal stress
- Complied to TUV 2PfG 1908 Vertical flame propagation test
- Excellence oil resistance (Mineral oil, fuel, and gasoline)
- Excellence UV resistance (pass TUV 2 PfG 1908)
- Excellence cold resistance (pass TUV 2 PfG 1908)
- Excellence Mechanical strength, sheath tensile strength up to 25Mpa, complied 2 PfG1908 mechanical test.
- Excellence EMI, EMC Anti-electromagnetic interference

Characters:

Character	Specification
Working temperature	-40℃~50℃/90℃ max.
Rated Voltage	AC 450/750V, DC 1000V
Permitted S/C temperature	250℃/5 sec.

Cable Construction table:

Size	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper IEC 60228 Class6	TPE 90℃	TPU 90℃
2~5 X 1.0 sqmm	65/0.15	3.1	11.9 ~14.8
2~5 X 6.0 sqmm	190/0.2	5.6	17.3~21.6
2~5 X 10.0 sqmm	323/0.2	7.0	21.4~27.1
2~5 X 16.0 sqmm	513/0.2	8.3	23.8~31.0
4 X 25.0 sqmm	798/0.2	10.1	33.6
3~4 X 35.0 sqmm	1121/0.2	11.3	33.8~37.1

⋆Signal wire is optional.

TUV/DEKRA EV Charging Cable

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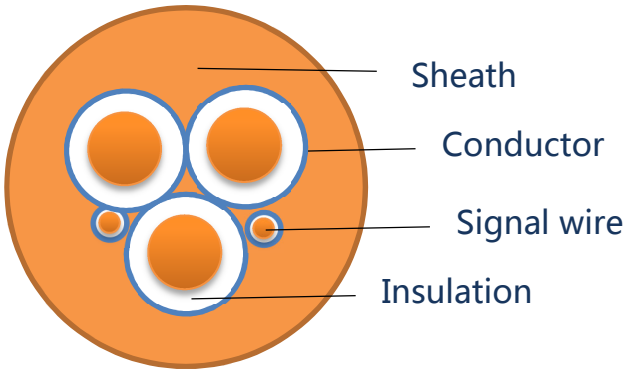
The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics



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Working temperature	-40℃~50℃/90℃ max.
Rated Voltage	AC 450/750V, DC 1000V
Permitted S/C temperature	250℃/5 sec.

Cable Construction table:

Size	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper IEC 60228 Class6	TPE 90℃	TPU 90℃
2~5 X 1.0 sqmm	65/0.15	3.1	9.5 ~12.4
2~5 X 6.0 sqmm	190/0.2	5.6	14.5~18.8
4~5 X 10.0 sqmm	323/0.2	7.0	22.4~23.9
2~4 X 16.0 sqmm	513/0.2	8.3	21.2~25.6
4~5 X 25.0 sqmm	798/0.2	10.1	30.0~33.1
5 X 50.0 sqmm	1586/0.2	13.3	42.9

⋆Signal wire is optional.

TUV/DEKRA EV Charging Cable

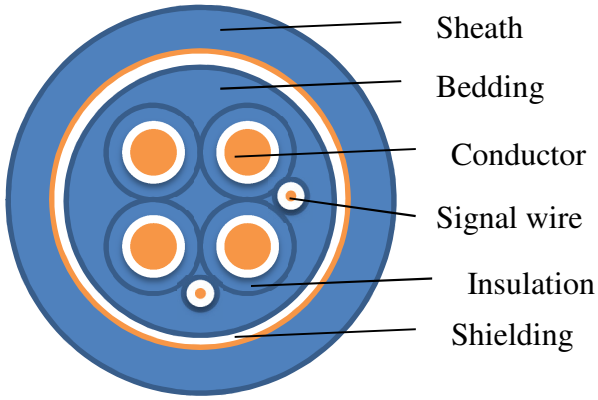
Type: EV07EEC4E-H

Application:

The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics

- Resistant to cold, abrasion, oil, chemical, water and UV.
- ROSH and REACH complied
- Resistant to external load pressure and thermal stress
- Complied to TUV 2PfG 1908 Vertical flame propagation test
- Min. Bending radius: 5XOD
- Excellence oil resistance (Mineral oil, fuel, and gasoline)
- Excellence UV resistance (pass TUV 2 PfG 1908)
- Excellence cold resistance (pass TUV 2 PfG 1908)
- Excellence EMI, EMC Anti-electromagnetic interference



Characters:

Character	Specification
Working temperature	-25℃~50℃/70℃ max.
Rated Voltage	AC 450/750V, DC 1000V
Permitted S/C temperature	200℃/5 sec.

Cable Construction table:

Size	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper IEC 60228 Class6	TPE 70℃	TPE 70℃
2~5 X 1.0 sqmm	65/0.15	3.1	12.7 ~15.9
4~5 X 10.0 sqmm	323/0.2	7.0	28.1~30.1
3~5 X 16.0 sqmm	513/0.2	8.3	28.7~34.2
3~4 X 25.0 sqmm	798/0.2	10.1	33.8~37.0
2~3 X 50.0 sqmm	1586/0.2	13.3	40.4~42.9

⋆Signal wire is optional.

TUV/DEKRA EV Charging Cable

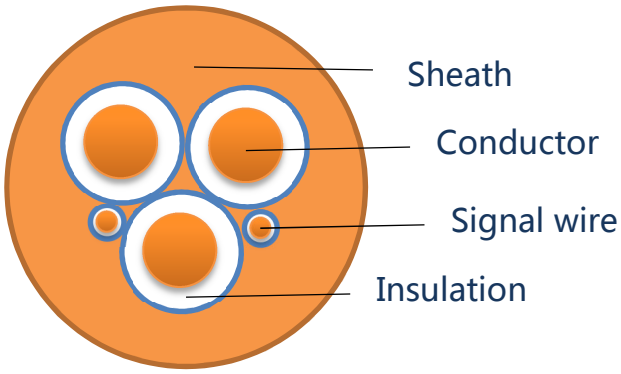
Type: EV07EE-H

Application:

The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics

- Resistant to cold, abrasion, oil, chemical, water and UV.
- ROSH and REACH complied
- Resistant to external load pressure and thermal stress
- Complied to TUV 2PfG 1908 Vertical flame propagation test
- Min. Bending radius: 5XOD
- Excellence oil resistance (Mineral oil, fuel, and gasoline)
- Excellence UV resistance (pass TUV 2 PfG 1908)
- Excellence cold resistance (pass TUV 2 PfG 1908)



Characters:

Character	Specification
Working temperature	-25℃~50℃/70℃ max.
Rated Voltage	AC 450/750V, DC 1000V
Permitted S/C temperature	200℃/5 sec.

Cable Construction table:

Size	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper IEC 60228 Class6	TPE 70℃	TPE 70℃
2~5 X 1.0 sqmm	65/0.15	3.1	10.5 ~13.3
2~3 X 6.0 sqmm	190/0.2	5.6	15.9~17.7
4~5 X 10.0 sqmm	323/0.2	7.0	25.0~27.0
2~3 X 16.0 sqmm	513/0.2	8.3	24.0~25.5
4~5 X 35.0 sqmm	1121/0.2	11.3	36.5~40.7
2~3 X 50.0 sqmm	1586/0.2	13.3	35.8~38.3

⋆Signal wire is optional.

UL EV Charging Cable

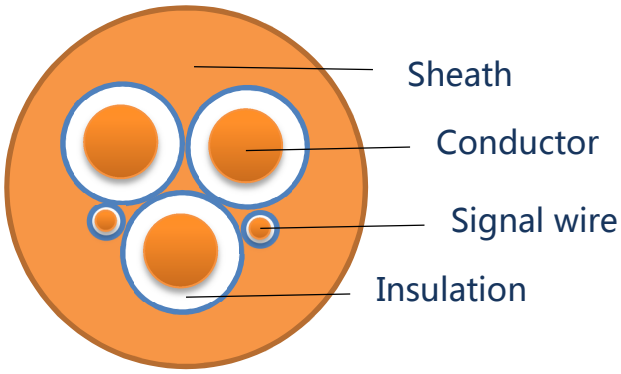
Type: EV

Application:

The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics

- Resistant to cold, abrasion, oil, chemical, water and UV.
- Complied to UL 2556 VW-1 flame test
- Excellence oil resistance (Mineral oil resistant IRM902)
- Excellence UV resistance (pass UL 2556)
- Excellence cold resistance (pass UL 2556 -40℃ cold bending test)
- Min. Bending radius: 5XOD



Characters:

Character	Specification
Rated temperature	60℃、70℃、90℃、105℃
Rated low temperature	-40℃
Rated Voltage	600V
Permitted S/C temperature	200℃/5 sec.

Cable Construction table:

Size AWG	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper	CPE	CPE
2~4 x 18	16/0.254	2.8	9.8~10.8
2~5 x 12	65/0.254	4.8	13.8~18.2
2~5 x 6	266/0.254	8.4	23.4~30.2
2~5 x 2	665/0.254	11.5	30.7~39.5

☆Signal wire is optional, shielded by anneal tinned copper

UL EV Charging Cable

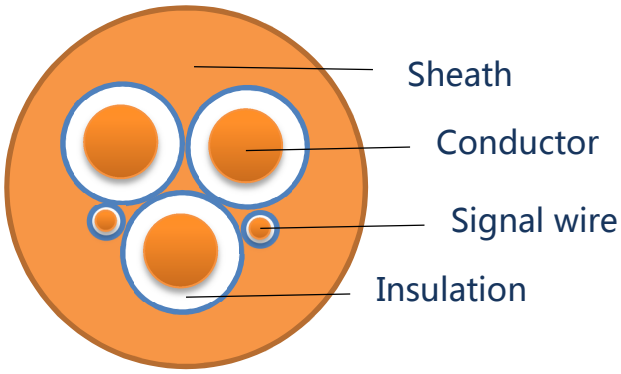
Type: EVJ

Application:

The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics

- Resistant to cold, abrasion, oil, chemical, water and UV.
- Complied to UL 2556 VW-1 flame test
- Excellence oil resistance (Mineral oil resistant IRM902)
- Excellence UV resistance (pass UL 2556)
- Excellence cold resistance (pass UL 2556 -40℃ cold bending test)
- Min. Bending radius: 5XOD



Characters:

Character	Specification
Rated temperature	60℃、70℃、90℃、105℃
Rated low temperature	-40℃
Rated Voltage	300V
Permitted S/C temperature	200℃/5 sec.

Cable Construction table:

Size AWG	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper	CPE	CPE
2~6 x 18	16/0.254	2.8	7.2~10.1
2~6 x 16	26/0.254	3.1	7.8~11.8
2~6 x 14	41/0.254	3.5	8.6~13.0
2~6 x 12	65/0.254	4.0	10.4~15.2

☆Signal wire is optional, shielded by anneal tinned copper

UL EV Charging Cable

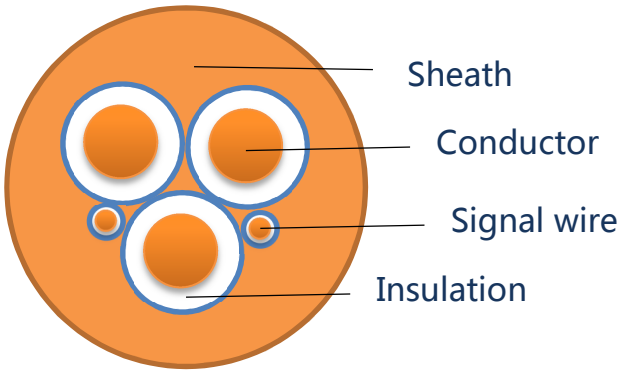
Type: EVE

Application:

The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics

- Resistant to cold, abrasion, oil, chemical, water and UV.
- ROSH complied
- Complied to UL 2556 FT2 flame test
- Excellence oil resistance (Mineral oil resistant IRM902)
- Excellence UV resistance (pass UL 2556)
- Excellence cold resistance (pass UL 2556 -40℃ cold bending test)
- Min. Bending radius: 5XOD
- Excellence thermal stress (pass UL 2556)



Characters:

Character	Specification
Rated temperature	90℃、105℃
Rated low temperature	-40℃
Rated Voltage	600V
Permitted S/C temperature	200℃/5 sec.

Cable Construction table:

Size AWG	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper	TPE	TPE
2~4 x 18	16/0.254	2.8	9.8~10.8
2~5 x 12	65/0.254	4.8	13.8~18.2
3 x 10	105/0.254	5.5	16.5
2~5 x 6	266/0.254	8.4	23.4~30.2
4~5 x 2	665/0.254	11.5	36.8~39.5

⋆Signal wire is optional, shielded by anneal tinned copper

UL EV Charging Cable

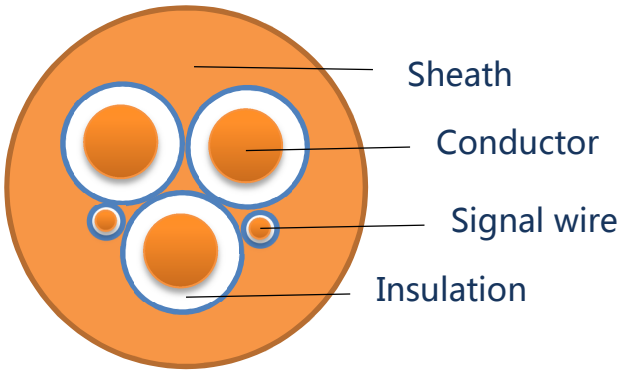
Type: EVJE

Application:

The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics

- Resistant to cold, abrasion, oil, chemical, water and UV.
- ROSH complied
- Complied to UL 2556 FT2 flame test
- Excellence oil resistance (Mineral oil resistant IRM902)
- Excellence UV resistance (pass UL 2556)
- Excellence cold resistance (pass UL 2556 -40℃ cold bending test)
- Min. Bending radius: 5XOD
- Excellence thermal stress (pass UL 2556)



Characters:

Character	Specification
Rated temperature	90℃、105℃
Rated low temperature	-40℃
Rated Voltage	300V
Permitted S/C temperature	200℃/5 sec.

Cable Construction table:

Size AWG	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper	TPE	TPE
2~6 x 18	16/0.254	2.8	7.2~10.1
2~6 x 16	26/0.254	3.1	7.8~11.8
2~6 x 14	41/0.254	3.5	8.6~13.0
2~6 x 12	65/0.254	4.0	10.4~15.2

☆Signal wire is optional, shielded by anneal tinned copper

UL EV Charging Cable

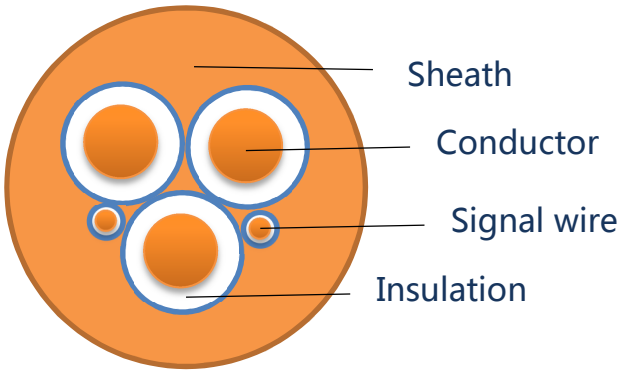
Type: EVT

Application:

The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics

- Resistant to cold, abrasion, oil, chemical, water and UV.
- ROSH complied
- Complied to UL 2556 VW-1 flame test
- Excellence oil resistance (Mineral oil resistant IRM902)
- Excellence UV resistance (pass UL 2556)
- Excellence cold resistance (pass UL 2556 -40℃ cold bending test)
- Min. Bending radius: 5XOD
- Excellence thermal stress (pass UL 2556)



Characters:

Character	Specification
Rated temperature	60℃、75℃、90℃、105℃
Rated low temperature	-40℃
Rated Voltage	600V
Permitted S/C temperature	200℃/5 sec.

Cable Construction table:

Size AWG	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper	Anti UV PVC	Anti UV PVC
2~4 x 18	16/0.254	2.8	9.8~10.8
2~3 x 12	65/0.254	4.8	13.8~15.0
3 x 10	105/0.254	5.5	16.5
2~5 x 6	266/0.254	8.4	23.4~30.2
4~5 x 2	665/0.254	11.5	36.8~39.5

⋆Signal wire is optional, shielded by anneal tinned copper

UL EV Charging Cable

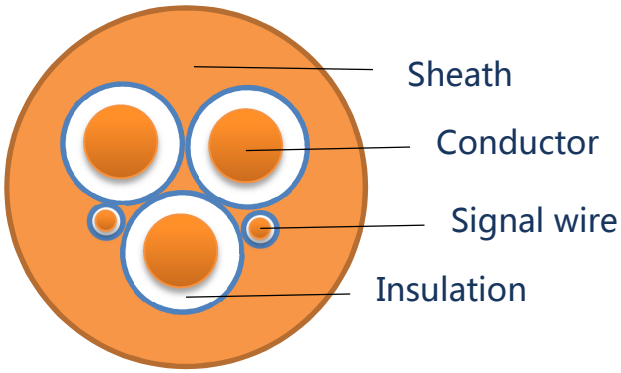
Type: EVJT

Application:

The cable is used for EV charging device and charging output, or the vehicle charging control system with signal control function such as charging saturation safety alarm.

Physical Characteristics

- Resistant to cold, abrasion, oil, chemical, water and UV.
- Complied to UL 2556 VW-1 flame test
- Excellence oil resistance (Mineral oil resistant IRM902)
- Excellence UV resistance (pass UL 2556)
- Excellence cold resistance (pass UL 2556 -40℃ cold bending test)
- Min. Bending radius: 5XOD
- Excellence thermal stress (pass UL 2556)



Characters:

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Rated temperature	60℃、75℃、90℃、105℃
Rated low temperature	-40℃
Rated Voltage	300V
Permitted S/C temperature	200℃/5 sec.

Cable Construction table:

Size AWG	Conductor N X mm	Insulation mm	Sheath mm
Material	Anneal stranded copper	Anti UV PVC	Anti UV PVC
2~6 x 18	16/0.254	2.8	7.2~10.1
2~6 x 16	26/0.254	3.1	7.8~11.8
2~6 x 14	41/0.254	3.5	8.6~13.0
2~6 x 12	65/0.254	4.0	10.4~15.2

⋆Signal wire is optional, shielded by anneal tinned copper