

8000 Series Aluminium Alloy Conductor Type XHHW-2 Metal Clad (MC) Cable



Construction: Type XHHW-2 conductors which is constructed with 8000 Series Aluminium Alloy Conductor and XLPE insulation. The insulated conductors and a bare ground conductor are cabled and wrapped with Mylar tape and then an aluminium alloy interlocked armour is applied. It can be manufactured with PVC sheath over the aluminum metal clad if direct burial is needed.



Application: Type XHHW-2 MC cable is suitable for use as branch, feeder and service power distribution. It is suitable for use in wet or dry locations at temperature not to exceed 90°C. If it should be directly buried in the earth, MC cable with PVC sheath is an optimal choice. Maximum voltage rating for XHHW-2 applications is 600 Volts.



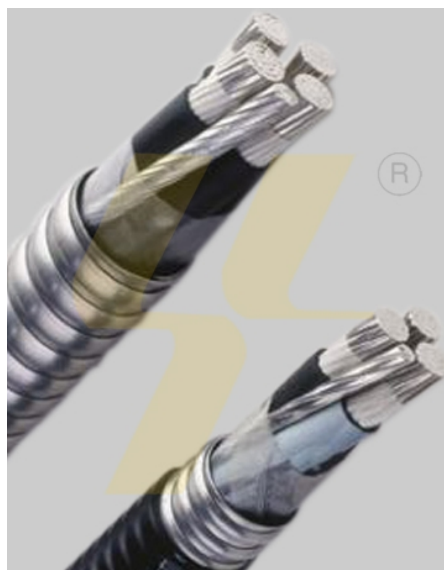
Operating Temperature: Max permissible continuous operating temperature of conductor shall not exceed 90°C.



Standard: UL44 和 UL1569, ICEA S-66-524 or other standards required by customers.



Packing: Coil, steel/wooden reel, wooden reel or steel reel.



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Conductor Size*	Ground	Insulation Thickness	Aarmor** Thickness	Sheath Thickness	Approximate Diameter over Armor	Approximate Diameter over Sheath
AWG or kcmil	AWG	mm	mm	mm	mm	mm
3 conductors with a bare ground						
6	6	1.14	0.65	1.27	22.3	24.8
4	6	1.14	0.65	1.27	25.0	27.5
2	6	1.14	0.65	1.27	28.4	30.9
1	4	1.4	0.65	1.27	31.6	34.1
1/0	4	1.4	0.65	1.27	33.9	36.4
2/0	4	1.4	0.65	1.27	36.4	38.9
3/0	4	1.4	0.65	1.27	39.2	41.7
4/0	2	1.4	0.65	1.52	42.4	45.4
250	2	1.65	0.75	1.52	46.5	49.5
300	2	1.65	0.75	1.52	49.5	52.5
350	2	1.65	0.75	1.52	52.3	55.3
400	1	1.65	0.75	1.52	55.0	58.0
500	1	1.65	0.75	1.52	59.7	62.7
600	1	2.03	0.75	1.91	66.3	70.1
700	1/0	2.03	0.75	1.91	70.3	74.1
750	1/0	2.03	0.75	1.91	72.2	76.0
1000	1/0	2.03	0.75	1.91	81.5	85.3

4 conductors with a bare ground						
6	6	1.14	0.65	1.27	24.2	26.7
4	6	1.14	0.65	1.27	27.3	29.8
2	6	1.14	0.65	1.27	31.1	33.6
1	4	1.4	0.65	1.27	34.6	37.1
1/0	4	1.4	0.65	1.27	37.2	39.7
2/0	4	1.4	0.65	1.27	39.9	42.4
3/0	4	1.4	0.75	1.52	43.1	46.1
4/0	2	1.4	0.75	1.52	46.7	49.7
250	1	1.65	0.75	1.52	51.2	54.2
300	1	1.65	0.75	1.52	54.7	57.7
350	1/0	1.65	0.75	1.52	57.8	60.8
400	1/0	1.65	0.75	1.52	60.8	63.8
500	2/0	1.65	0.75	1.91	66.0	69.8
600	2/0	2.03	0.75	1.91	73.5	77.3
700	2/0	2.03	0.75	1.91	77.9	81.7
750	3/0	2.03	0.75	1.91	80.0	83.8

* The individual conductor is as same as type XHHW-2.

Color Code: 3 Conductors White – Black - Red
4 Conductors White – Black – Red – Blue
Ground Bare

** Aluminium alloy interlocked armor.