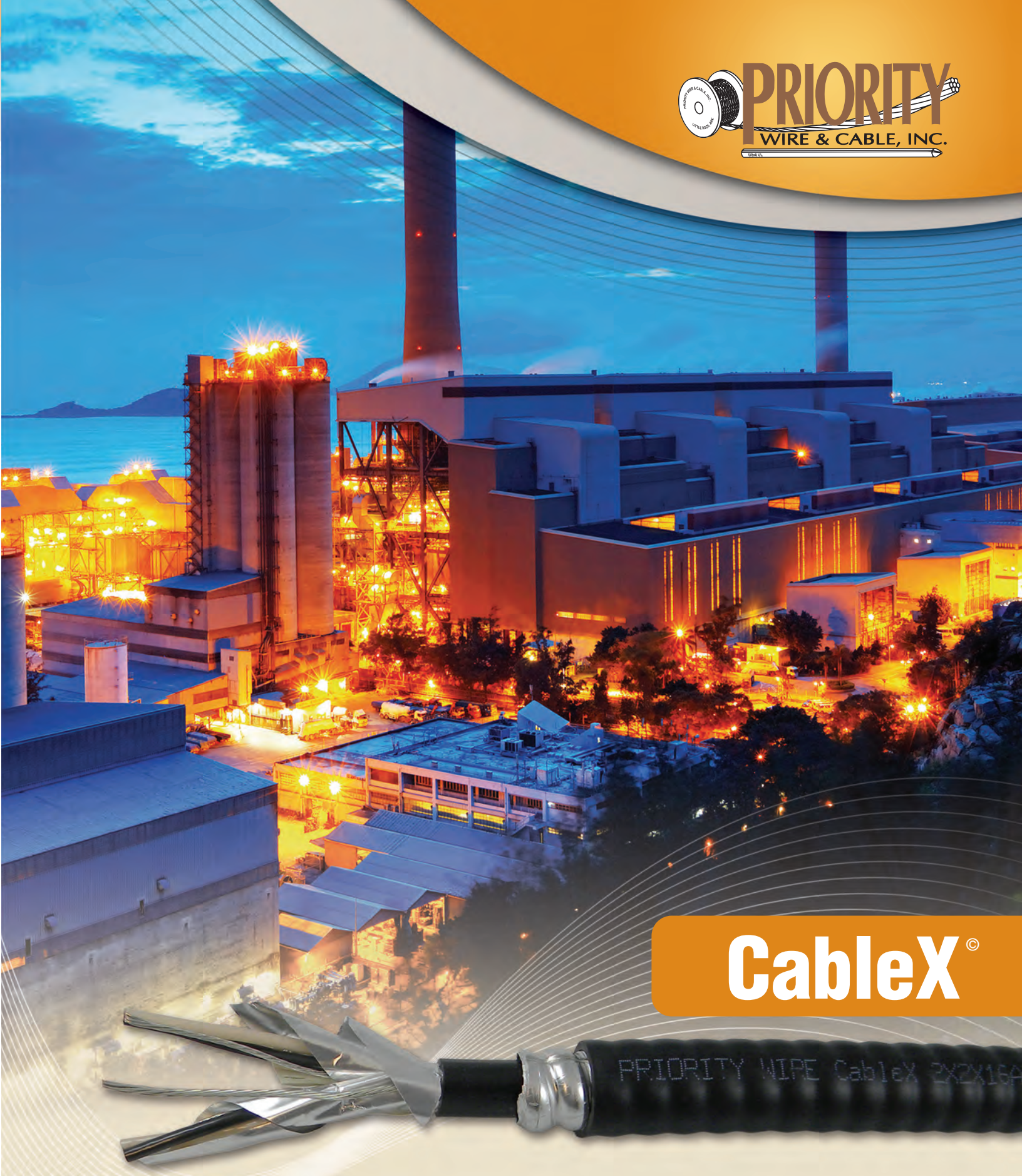
PRIORITY
WIRE & CABLE, INC.

CableX©



Type MC-HL Continuously Welded Armor Cable
from Priority Wire & Cable

CableX©

Priority Wire & Cable's CableX© cables are the answer for industrial and hazardous location power, instrumentation and control wiring for a wide variety of applications as it can be installed in direct sunlight, direct buried, in cable trays or raceways and in wet or dry locations. It is a cost effective alternative to wire in conduit as it has excellent compression and impact resistance and is impervious to gas and liquid entry due to its continuously welded corrugated armor and jacketing.

It is intended for use in petrochemical or oil & gas processing plants, food processing, metals, mining, power generation, pulp & paper, transportation, and other industrial plant settings.

CableX© Type MC-HL 16 AWG

Shielded Paired and Triad (OS) Class 1 Instrumentation Cable MC-HL Aluminum Armor

Application: CableX Control Cable features 16 AWG pairs or triad construction with an overall foil shield and drain wire. It is suitable for use in Class I, II & III Division 1 and 2 hazardous locations. This includes Remote-Control Signaling circuits, or where 600V cable is needed for process control, instrumentation or computer cable transmitting at levels above 100 mili-volts in circuits where minimum noise is required. The overall shield provides protection from external interference but not between group interference. It may be installed indoors or outside, in wet or dry locations and is sunlight resistant and can be direct buried. It may also be used in cable tray. It is often used in industrial plant settings including oil, gas, petrochemical, chemical, food processing plants, metals, mining, petrochemical, power generation, pulp & paper, transportation, etc…

Conductors: Primary conductors are stranded, soft drawn annealed copper.

Insulation: Polyvinyl Chloride (PVC), 15 mils plus 4 mils of Nylon, color coded for identification

Assembly: Pairs or Triads are assembled left hand lay, with non-wicking fillers as needed for a round finish with an overall aluminum / polyester shield with 7-strand tinned copper drain wire.

Inner Jacket: Polyvinyl Chloride (PVC) with rip cord for easy removal.

Armor: Continuously welded, impervious, corrugated aluminum armor.
Exceeds the grounding requirements of NEC 250.122.

Outer Jacket: Black Polyvinyl Chloride (PVC)

Standards: UL Listed MC Cable
UL Listed as Type MC-HL
UL Listed for cable tray use
UL83, UL1581, UL1569, UL2225
Meets NEC Articles 250-118, 501, 502, 503, 504, 505, and 725 for hazardous locations.
Sunlight Resistant, Direct Burial, Oil Resistant

#16AWG - Single Pair & Triad (SP-OS) Type MC-HL

Part Number	No of Pairs	No of Triads	Inner Jacket Thick (mils)	Nom Core O.D. (inches)	Armor O.D. (inches)	Outer Jacket Thick (mils)	Approximate O.D. (inches)	Cross Sectional Area (sq in)	Approximate Net Weight (lbs/kft)
16-01PRCCA-OS	1		66	0.35	0.53	50	0.64	0.32	182
16-01TRCCA-OS		1	58	0.35	0.53	50	0.64	0.32	190

Conductor No.	Base Color
1	Black
2	White
3	Red

1. Stranded Bare Copper Conductors
2. PVC insulation / Nylon Insulation Jacket
3. Twisted, Shielded Pairs or Triads
4. Tinned copper stranded Drain Wire
5. Aluminum/Polyester Overlapping Shield for each group
6. Aluminum/Polyester Overlapping Shield for Overall Cable
7. Black PVC Jacket
8. Rip Cord for easy Jacket Removal
9. Continuously Welded Aluminum Armor
10. Black PVC Jacket

CableX© Type MC-HL 16 AWG

Shielded Pair & Triad with Overall Shield (SP-OS) Class 1 Instrumentation Cable MC-HL Aluminum Armor

Application: CableX Control Cable features 16 AWG pairs or triad construction with an overall foil shield and drain wire. It is suitable for use in Class I, II & III Division 1 and 2 hazardous locations. This includes Remote-Control Signaling circuits, or where 600V cable is needed for process control, instrumentation or computer cable transmitting at levels above 100 mili-volts in circuits where minimum noise is required. The individual group shields along with the overall shield provide protection from interference among groups as wells as external interference. It may be installed indoors or outside, in wet or dry locations and is sunlight resistant and can be direct buried. It may also be used in cable tray. It is often used in industrial plant settings including oil, gas, petrochemical, chemical, food processing plants, metals, mining, petrochemical, power generation, pulp & paper, transportation, etc…

Conductors: Primary conductors are stranded, soft drawn annealed copper.

Insulation: Polyvinyl Chloride (PVC), 15 mils plus 4 mils of Nylon, color coded for identification.

Assembly: Pairs or Triads are assembled with a left hand lay, and non-wicking fillers as needed for a round finish, each with an overlapping aluminum / polyester shield with 7-strand tinned copper drain wire and an overall overlapping cable shield of aluminum / polyester with 7-strand tinned copper drain wire.

Inner Jacket: Polyvinyl Chloride (PVC) with rip cord for easy removal.

Armor: Continuously welded, impervious, corrugated aluminum armor.
Exceeds the grounding requirements of NEC 250.122.

Outer Jacket: Black Polyvinyl Chloride (PVC)

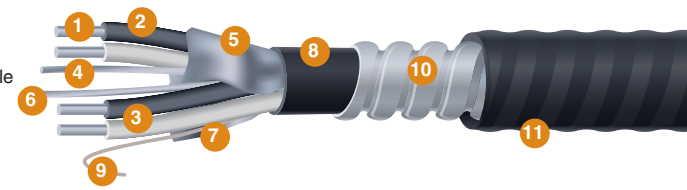
Standards: UL Listed MC Cable
UL Listed as Type MC-HL
UL Listed for cable tray use
UL83, UL1581, UL1569, UL2225
Meets NEC Articles 250-118, 501, 502, 503, 504, 505, and 725 for hazardous locations.
Sunlight Resistant, Direct Burial, Oil Resistant

#16AWG - Pairs & Triads (P-OS) Type MC-HL

Part Number	No of Pairs	No of Triads	Inner Jacket Thick (mils)	Nom Core O.D. (inches)	Armor O.D. (inches)	Outer Jacket Thick (mils)	Approximate O.D. (inches)	Cross Sectional Area (sq in)	Approximate Net Weight (lbs/kft)
16-02PRCCA-SPOS	2		40	0.45	0.67	50	0.76	0.45	234
16-04PRCCA-SPOS	4		50	0.56	0.80	50	0.91	0.65	335
16-06PRCCA-SPOS	6		50	0.66	0.89	50	1.00	0.79	421
16-08PRCCA-SPOS	8		50	0.70	0.93	50	1.04	0.85	492
16-10PRCCA-SPOS	10		50	0.79	1.06	50	1.17	1.08	601
16-12PRCCA-SPOS	12		50	0.85	1.11	50	1.22	1.17	674
16-16PRCCA-SPOS	16		50	0.98	1.29	50	1.40	1.54	842
16-20PRCCA-SPOS	20		50	1.06	1.34	50	1.45	1.65	977
16-24PRCCA-SPOS	24		50	1.12	1.42	50	1.53	1.84	1118
16-36PRCCA-SPOS	36		50	1.37	1.69	60	1.82	2.60	1586
16-50PRCCA-SPOS	50		50	1.57	1.92	60	2.05	3.30	2124
16-04TRCCA-STOS		4	50	0.61	0.84	50	0.95	0.71	395
16-08TRCCA-STOS		8	50	0.82	1.06	50	1.17	1.08	637
16-12TRCCA-STOS		12	50	0.98	1.29	50	1.40	1.54	863
16-16TRCCA-STOS		16	50	1.10	1.37	50	1.48	1.72	1058
16-24TRCCA-STOS		24	50	1.33	1.64	60	1.78	2.49	1485
16-36TRCCA-STOS		36	50	1.58	1.96	60	2.09	3.43	2141

Conductor No.	Base Color
1	Black
2	White
3	Red

1. Stranded Bare Copper Conductors
2. PVC insulation / Nylon Insulation Jacket
3. Twisted, Shielded Pairs or Triads
4. Tinned copper stranded Drain Wire
5. Aluminum/Polyester Overlapping Shield for each group
6. Tinned copper stranded Drain Wire for Overall Shield
7. Aluminum/Polyester Overlapping Shield for Overall Cable
8. Black PVC Jacket
9. Rip Cord for easy Jacket Removal
10. Continuously Welded Aluminum Armor
11. Black PVC Jacket



CableX© Type MC-HL (XHHW-2)

600V Control Cable MC-HL Aluminum Armor

Application: CableX Control Cable features 2 to 37 conductors in 14, 12, and 10 AWG sizes. With non-wicking, non-hygroscopic fillers, a binder tape then continuously welded aluminum armor with a PVC jacket making the cable impervious to environmental penetration. CableX Type MC-HL is suitable for use in Class I, II & III Division 1 and 2 hazardous locations making it a cost effective alternative to cable and rigid conduit. It is perfect for use on feeders, branch circuits or services for signaling circuits, power, lighting, and control. It may be installed indoors or outside, in wet or dry locations and is sunlight resistant and can be direct buried. It may also be used in cable tray. It is often used in industrial plant settings including oil, gas, petrochemical, chemical, food processing plants, metals, mining, petrochemical, power generation, pulp & paper, transportation, etc…

Conductors: Primary conductors are stranded, soft drawn annealed copper.

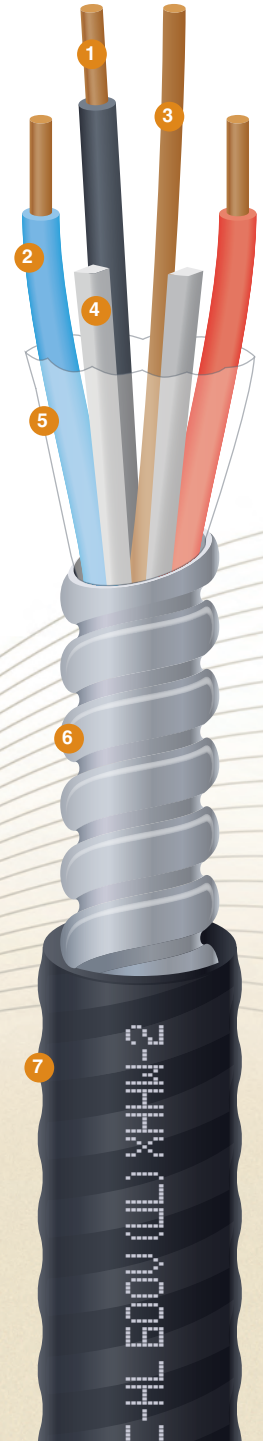
Insulation: Cross-linked polyethylene, color coded for identification per ICEA Method 1.E-2 for sizes 6 and smaller. Sizes 4 and larger are surface printed with numbers and colors per ICEA Method 3.

Armor: Continuously welded, impervious, corrugated aluminum armor. Exceeds the grounding requirements of NEC 250.122.

Jacket: Black Polyvinyl Chloride (PVC).

Standards: UL Listed MC Cable
UL Listed as Type MC-HL
UL Listed for cable tray use
UL44, UL1581, UL1569, UL2225
Meets NEC Articles 250-118, 501, 502, 503, 505, 725 for hazardous locations.
Sunlight Resistant, Direct Burial, Oil Resistant

1. Stranded bare copper conductors
2. Cross-linked polyethylene insulation
3. Bare, stranded copper grounding conductors
4. Non-wicking fillers
5. Binder tape
6. Continuously welded aluminum armor
7. Black PVC jacket



PRIORITY WIRE & CABLE, INC.

Part Number	Cond Size (AWG)	# of Cond	Insulation Thick (mils)	# of Grounds	Ground Size G	Core. O.D. H	Armor O.D. (in)	Jacket Thick (mils)	Approx. Overall O.D. (in)	Cross Section Area (sq in)	Approx. Net Wt	Ampacity 90C - Wet
14-02CCA600V+1G	14 (7 str)	2	30	1	14 (7 str)	0.28	0.49	50	0.60	0.28	142	15
14-03CCA600V+1G	14 (7 str)	3	30	1	14 (7 str)	0.30	0.49	50	0.60	0.32	153	15
14-04CCA600V+1G	14 (7 str)	4	30	1	14 (7 str)	0.33	0.53	50	0.64	0.36	181	15
14-05CCA600V+1G	14 (7 str)	5	30	1	14 (7 str)	0.37	0.58	50	0.69	0.41	210	15
14-06CCA600V+1G	14 (7 str)	6	30	1	14 (7 str)	0.41	0.62	50	0.73	0.46	254	15
14-08CCA600V+1G	14 (7 str)	8	30	1	14 (7 str)	0.50	0.71	50	0.82	0.57	308	15
14-11CCA600V+1G	14 (7 str)	11	30	1	14 (7 str)	0.57	0.8	50	0.91	0.71	381	12
14-18CCA600V+1G	14 (7 str)	18	30	1	14 (7 str)	0.69	0.93	50	1.04	0.84	537	12
14-36CCA600V+1G	14 (7 str)	36	30	1	14 (7 str)	0.96	1.24	50	1.35	1.43	946	10
12-02CCA600V+1G	12 (7 str)	2	30	1	12 (7 str)	0.31	0.53	50	0.64	0.32	164	20
12-03CCA600V+1G	12 (7 str)	3	30	1	12 (7 str)	0.34	0.53	50	0.64	0.32	189	20
12-04CCA600V+1G	12 (7 str)	4	30	1	12 (7 str)	0.38	0.58	50	0.69	0.38	226	20
12-05CCA600V+1G	12 (7 str)	5	30	1	12 (7 str)	0.42	0.62	50	0.73	0.42	262	20
12-06CCA600V+1G	12 (7 str)	6	30	1	12 (7 str)	0.47	0.67	50	0.78	0.48	324	20
12-08CCA600V+1G	12 (7 str)	8	30	1	12 (7 str)	0.56	0.8	50	0.91	0.65	405	20
12-11CCA600V+1G	12 (7 str)	11	30	1	12 (7 str)	0.65	0.89	50	0.99	0.79	503	15
12-18CCA600V+1G	12 (7 str)	18	30	1	12 (7 str)	0.78	1.02	50	1.13	1.00	721	15
12-36CCA600V+1G	12 (7 str)	36	30	1	12 (7 str)	1.08	1.37	50	1.48	1.72	1301	12
10-02CCA600V+1G	10 (7 str)	2	30	1	10 (7 str)	0.36	0.58	50	0.69	0.38	202	30
10-03CCA600V+1G	10 (7 str)	3	30	1	10 (7 str)	0.39	0.58	50	0.69	0.38	238	30
10-04CCA600V+1G	10 (7 str)	4	30	1	10 (7 str)	0.44	0.67	50	0.78	0.48	297	30
10-06CCA600V+1G	10 (7 str)	6	30	1	10 (7 str)	0.48	0.71	50	0.82	0.53	348	30
10-08CCA600V+1G	10 (7 str)	8	30	1	10 (7 str)	0.54	0.75	50	0.86	0.58	436	28
10-11CCA600V+1G	10 (7 str)	11	30	1	10 (7 str)	0.74	0.89	50	1.00	0.79	544	28

Conductor Number	Base Color	Tracer Color	Conductor Number	Base Color	Tracer Color	Conductor Number	Base Color	Tracer Color
1	Black	-	13	Blue	Red	25	Yellow	Orange
2	Red	-	14	Orange	Red	26	Brown	Orange
3	Blue	-	15	Yellow	Red	27	Black	Yellow
4	Orange	-	16	Brown	Red	28	Red	Yellow
5	Yellow	-	17	Black	Blue	29	Blue	Yellow
6	Brown	-	18	Red	Blue	30	Orange	Yellow
7	Red	Black	19	Orange	Blue	31	Brown	Yellow
8	Blue	Black	20	Yellow	Blue	32	Black	Brown
9	Orange	Black	21	Brown	Blue	33	Red	Brown
10	Yellow	Black	22	Black	Orange	34	Blue	Brown
11	Brown	Black	23	Red	Orange	35	Orange	Brown
12	Black	Red	24	Blue	Orange	36	Yellow	Brown
						37	Black	-

CableX© Type MC-HL (XHHW-2)

600V Power MC-HL Cable Aluminum Armor

Application: CableX Power Cable features three (with three individual grounds) or four conductor configurations (wCableX features three (with three individual grounds) or four conductor configurations (with three or single ground – see chart) with non-wicking, non-hygroscopic fillers, a binder tape then continuously welded aluminum armor with a PVC jacket making the cable impervious to environmental penetration. CableX Type MC-HL is suitable for use in Class I, II & III Division 1 and 2 hazardous locations making it a cost effective alternative to cable and rigid conduit. It is perfect for use on feeders, branch circuits or services for signaling circuits, power, lighting, and control. It may be installed indoors or outside, in wet or dry locations and is sunlight resistant and can be direct buried. It may also be used in cable tray. It is often used in industrial plant settings including oil, gas, petrochemical, chemical, food processing plants, metals, mining, petrochemical, power generation, pulp & paper, transportation, etc…

Conductors: Primary and grounding conductors are stranded, soft drawn annealed copper. Grounding conductors are bare copper.

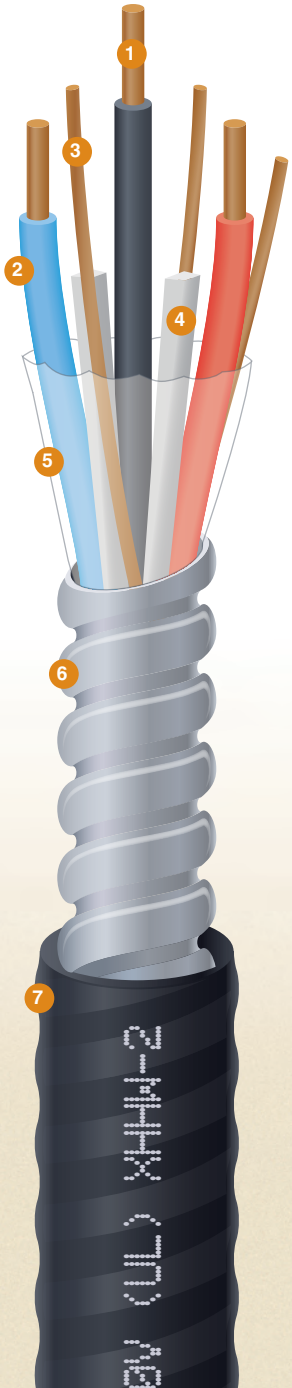
Insulation: Cross-linked polyethylene, color coded for identification per ICEA Method 1.E-2 for sizes 6 and smaller. Sizes 4 and larger are surface printed with numbers and colors per ICEA Method 3.

Armor: Continuously welded, impervious, corrugated aluminum armor. Exceeds the grounding requirements of NEC 250.122.

Jacket: Black Polyvinyl Chloride (PVC).

Standards: UL Listed MC Cable
UL Listed as Type MC-HL
UL Listed for cable tray use
UL44, UL1581, UL1569, UL2225
Meets NEC Articles 250-118, 501, 502, 503, 505, 725 for hazardous locations.
Sunlight Resistant, Direct Burial, Oil Resistant

1. Stranded bare copper conductors
2. Cross-linked polyethylene insulation
3. Bare, stranded copper grounding conductors
4. Non-wicking fillers
5. Binder tape
6. Continuously welded aluminum armor
7. Black PVC jacket



Part Number	Cond Size (AWG)	# of Cond	Insulation Thick (mils)	Ground Cond. (AWG)	Core O.D. (in)	Armor O.D. (in)	Jacket Thick (mils)	Approx. Overall O.D. (in)	Cross Section Area (sq in)	Approx. Net Wt (lbs/kft)	Ampacity 90C - Wet or Dry
14-03CCA600V-3G	14	3	30	3#18	0.33	0.53	50	0.64	0.32	160	15
14-04CCA600V-3G	14	4	30	3#18	0.37	0.58	50	0.69	0.37	222	15
12-03CCA600V-3G	12	3	30	3#16	0.37	0.58	50	0.69	0.37	239	20
12-04CCA600V-3G	12	4	30	3#16	0.45	0.67	50	0.78	0.47	286	20
10-03CCA600V-3G	10	3	30	3#14	0.41	0.62	50	0.73	0.42	300	30
10-04CCA600V-3G	10	4	30	3#14	0.45	0.67	50	0.78	0.47	348	30
8-03CCA600V-3G	8	3	45	3#12	0.50	0.71	50	0.81	0.52	385	55
8-04CCA600V-1G	8	4	45	1#10	0.58	0.8	50	0.9	0.64	465	44
6-03CCA600V-3G	6	3	45	3#12	0.58	0.8	50	0.9	0.64	525	75
6-04CCA600V-1G	6	4	45	1#8	0.66	0.89	50	0.99	0.77	630	60
4-03CCA600V-3G	4	3	45	3#12	0.68	0.89	50	0.99	0.77	704	95
4-04CCA600V-1G	4	4	45	1#8	0.77	0.97	50	1.08	0.92	845	76
2-03CCA600V-3G	2	3	45	3#10	0.80	1.02	50	1.12	1	995	130
2-04CCA600V-1G	2	4	45	1#6	0.92	1.15	50	1.26	1.25	1245	104
1-03CCA600V-3G	1	3	55	3#10	0.92	1.15	50	1.26	1.25	1100	150
1-04CCA600V-1G	1	4	55	1#6	1.04	1.29	50	1.4	1.54	1500	120
1/0-03CCA600V-3G	1/0 (19str)	3	55	3#10	1.00	1.24	50	1.34	1.41	1470	170
1/0-04CCA600V-1G	1/0 (19str)	4	55	1#6	1.12	1.37	50	1.48	1.72	1830	136
2/0-03CCA600V-3G	2/0 (19str)	3	55	3#10	1.09	1.34	50	1.44	1.63	1770	195
2/0-04CCA600V-1G	2/0 (19str)	4	55	1#6	1.23	1.51	60	1.64	2.11	2310	156
3/0-03CCA600V-3G	3/0 (19str)	3	55	3#8	1.25	1.6	60	1.74	-	2400	225
4/0-03CCA600V-3G	4/0 (19str)	3	55	3#8	1.33	1.6	60	1.73	-	2675	260
4/0-04CCA600V-1G	4/0 (19str)	4	55	1#4	1.49	1.78	60	1.91	-	3430	208
250-03CCA600V-3G	250 (37str)	3	55	3#8	1.48	1.74	60	1.87	-	3140	290
250-04CCA600V-1G	250 (37str)	4	55	1#4	1.64	1.96	60	2.09	-	4070	232
350-03CCA600V-3G	350 (37str)	3	55	3#7	1.66	1.96	60	2.09	-	4210	350
350-04CCA600V-1G	350 (37str)	4	55	1#3	1.89	2.19	75	2.35	-	5440	280
500-03CCA600V-3G	500 (37str)	3	55	3#6	1.94	2.28	75	2.44	-	5930	430
500-04CCA600V-1G	500 (37str)	4	55	1#2	2.14	2.49	75	2.65	-	7570	344
750-03CCA600V-3G	750 (61str)	3	55	3#5	2.37	2.75	75	2.92	-	8700	535
750-04CCA600V-1G	750 (61str)	4	55	1#1	2.61	3.03	85	3.21	-	11250	428

Conductor No.	Base Color
1	Black
2	Red
3	Blue
4	Orange

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We have a full line of Portable Cord Products including SOOW, SJOW, SEOOW, SJEOOW, Welding Cable, DLO, Type W, Type P, Type G-GC, and others, call us at **1-800-945-5542** for quotes on any rubber cables.

PRIORITY WIRE & CABLE, INC.

Part Number PN M-LIT-CABLEX