

Multi-Conductor, Unshielded Cable

UL 2464, NEC/CEC Type CMR UL/C(UL)



PRODUCT DATA SHEET

Cable is suitable for installation under NEC (NFPA 70) article 800 Guidelines, and in Canada under Section 60 of CEC, Part I. For internal wiring or external interconnection of electric equipment.



CONSTRUCTION

Conductor: Stranded annealed tinned copper(24AWG thru 16AWG)

Conductor Count: See Table 1

Insulation: Polyvinylchloride

Insulation Diameter: See Table 1

Insulation Color: See color code chart

Assembly: Insulated conductors are assembled round

Jacket: Polyvinylchloride

Overall Diameter: See Table 1

Jacket Color: Gray

Print Legend:

ASCENT E478021 XXAWG XXC 75C C(UL)US TYPE CMR SUN RES FT4 OR AWM 2464 300V 80C "ROHS COMPLIANT"

PERFORMANCE STANDARDS

- Temperature range: -20°C to +80°C
- C(UL)US listed as CMR per UL standard 444 and per CSA C22.2 No.214-17
- UL recognized component as AWM 2464, 80C, 300V per UL standard 758
- Cable meets (UL) 1685 FT4 flame test
- RoHS Compliant

APPLICATIONS

- Public address systems
- Industrial equipment control
- Internal telephones
- Suitable for EIA RS-232 applications
- Voltage rating: 300 volts

Color Code Chart - For Cables up to and including 25 conductors

No. of Cond.	Color	No. of Cond.	Color	No. of Cond.	Color
1	Black	10	Gray	19	White/Yellow
2	Red	11	Pink	20	White/Purple
3	White	12	Tan	21	White/Gray
4	Green	13	White/Black	22	Black/Red
5	Brown	14	White/Red	23	Black/Green
6	Blue	15	White/Green	24	Black/Yellow
7	Orange	16	White/Orange	25	Black/Blue
8	Yellow	17	White/Blue		
9	Purple	18	White/Brown		

Note: A variety of insulation colors are available.

Design Number	10268
Revision History	
00	2020/04/01 initial release
01	2020/07/23 Update Part Number to Ref Number
02	2020/10/19 Update CMG to CMR grade
Created L. Jian	Approved A. Huang

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Frankfurt | Rudolf-Braas-Strasse 2, D-61381 Friedrichsdorf
Milwaukee | 5001 South Towne Dr. New Berlin, WI 53151 USA
Suzhou | B2-2 Weiting Town Industrial - Workshop A, No. 9 Weixin Rd., Suzhou Industrial Park, Jiangsu, China 215122



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Table 1

Ref Number	No. of Cond.	AWG	No. of Strands	Insulation Thickness	Insulated OD Inch (Nom.)	Jacket Thickness	Cable OD Inch (Nom.)	Cable Weight (lbs/Mft)	Nom. Capacitance Mutual *(pF/ft)	Nom. DC Resistance @20°C (Ω/Mft)
2402C-xASC	2	24	7/32	10 Mil	0.043	32 Mil	0.150	11	18	24.5
2403C-xASC	3	24	7/32	10 Mil	0.043	32 Mil	0.156	14	18	24.5
2404C-xASC	4	24	7/32	10 Mil	0.043	32 Mil	0.168	17	18	24.5
2405C-xASC	5	24	7/32	10 Mil	0.043	32 Mil	0.180	19	18	24.5
2408C-xASC	8	24	7/32	10 Mil	0.043	32 Mil	0.206	28	18	24.5
2410C-xASC	10	24	7/32	10 Mil	0.043	32 Mil	0.236	34	18	24.5
2202C-xASC	2	22	7/30	10 Mil	0.050	32 Mil	0.164	14	20	17.0
2203C-xASC	3	22	7/30	10 Mil	0.050	32 Mil	0.171	18	20	17.0
2204C-xASC	4	22	7/30	10 Mil	0.050	32 Mil	0.185	22	20	17.0
2205C-xASC	5	22	7/30	10 Mil	0.050	32 Mil	0.199	26	20	17.0
2206C-xASC	6	22	7/30	10 Mil	0.050	32 Mil	0.214	30	20	17.0
2207C-xASC	7	22	7/30	10 Mil	0.050	32 Mil	0.214	33	20	17.0
2208C-xASC	8	22	7/30	10 Mil	0.050	32 Mil	0.230	37	20	17.0
2209C-xASC	9	22	7/30	10 Mil	0.050	32 Mil	0.245	41	20	17.0
2210C-xASC	10	22	7/30	10 Mil	0.050	32 Mil	0.264	45	20	17.0
2212C-xASC	12	22	7/30	10 Mil	0.050	32 Mil	0.272	52	20	17.0
2215C-xASC	15	22	7/30	10 Mil	0.050	32 Mil	0.287	62	20	17.0
2220C-xASC	20	22	7/30	10 Mil	0.050	32 Mil	0.321	80	20	17.0
2002C-xASC	2	20	7/28	16 Mil	0.067	32 Mil	0.198	20	18	10.7
2003C-xASC	3	20	7/28	16 Mil	0.067	32 Mil	0.208	26	18	10.7
2004C-xASC	4	20	7/28	16 Mil	0.067	32 Mil	0.225	31	18	10.7
2007C-xASC	7	20	7/28	16 Mil	0.067	32 Mil	0.265	49	18	10.7
2009C-xASC	9	20	7/28	16 Mil	0.067	32 Mil	0.307	62	18	10.7
2015C-xASC	15	20	7/28	16 Mil	0.067	32 Mil	0.362	95	18	10.7
1802C-xASC	2	18	16/30	16 Mil	0.078	32 Mil	0.220	26	20	6.9
1803C-xASC	3	18	16/30	16 Mil	0.078	32 Mil	0.232	33	20	6.9
1804C-xASC	4	18	16/30	16 Mil	0.078	32 Mil	0.252	42	20	6.9
1805C-xASC	5	18	16/30	16 Mil	0.078	32 Mil	0.275	50	20	6.9
1807C-xASC	7	18	16/30	16 Mil	0.078	32 Mil	0.298	66	20	6.9
1809C-xASC	9	18	16/30	16 Mil	0.078	32 Mil	0.346	83	20	6.9
1812C-xASC	12	18	16/30	16 Mil	0.078	32 Mil	0.388	108	20	6.9
1815C-xASC	15	18	16/30	16 Mil	0.078	32 Mil	0.411	132	20	6.9
1825C-xASC	25	18	16/30	16 Mil	0.078	32 Mil	0.513	210	20	6.9
1602C-xASC	2	16	19/.0117	16 Mil	0.088	32 Mil	0.240	34	22	4.3
1603C-xASC	3	16	19/.0117	16 Mil	0.088	32 Mil	0.253	46	22	4.3
1604C-xASC	4	16	19/.0117	16 Mil	0.088	32 Mil	0.276	58	22	4.3

* Capacitance between conductors. Ref Number "x" is jacket color, 0 is black, 8 is gray.

Note: various conductor count and stranding is available upon request.

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