

Multi-Conductor, Foil Shielded 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

Shield: Aluminum/Mylar tape

Drain Wire: (24 ~18 AWG) 7 Strands tinned copper

Jacket: Polyvinylchloride

Overall Diameter: See Table 1

Jacket Color: Gray

Print Legend:

ASCENT E478021 XXAWG XXC SHIELDED 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
- Internal telephones
- Industrial equipment control
- 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.

All trademarks are property of their respective owners. All specifications are subject to change.

Design Number	10269
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

Bristol | Unit 61, Gazelle Rd., Weston Industrial Estate, Weston-super-Mare, North Somerset BS24 9ES UK
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



Multi-Conductor, Foil Shielded Cable

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



PRODUCT DATA SHEET

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)
2403COFS-xASC	3	24	7/32	10 Mil	0.043	32 Mil	0.158	16	26	24.5
2404COFS-xASC	4	24	7/32	10 Mil	0.043	32 Mil	0.170	19	26	24.5
2405COFS-xASC	5	24	7/32	10 Mil	0.043	32 Mil	0.182	21	26	24.5
2406COFS-xASC	6	24	7/32	10 Mil	0.043	32 Mil	0.195	24	18	24.5
2408COFS-xASC	8	24	7/32	10 Mil	0.043	32 Mil	0.208	30	18	24.5
2409COFS-xASC	9	24	7/32	10 Mil	0.043	32 Mil	0.222	33	18	24.5
2410COFS-xASC	10	24	7/32	10 Mil	0.043	32 Mil	0.238	36	18	24.5
2415COFS-xASC	15	24	7/32	10 Mil	0.043	32 Mil	0.257	18	18	24.5
2425COFS-xASC	25	24	7/32	10 Mil	0.043	32 Mil	0.313	72	18	24.5
2202COFS-xASC	2	22	7/30	10 Mil	0.050	32 Mil	0.166	16	32	17.0
2203COFS-xASC	3	22	7/30	10 Mil	0.050	32 Mil	0.173	20	29	17.0
2204COFS-xASC	4	22	7/30	10 Mil	0.050	32 Mil	0.187	24	29	17.0
2205COFS-xASC	5	22	7/30	10 Mil	0.050	32 Mil	0.201	28	29	17.0
2206COFS-xASC	6	22	7/30	10 Mil	0.050	32 Mil	0.216	32	20	17.0
2208COFS-xASC	8	22	7/30	10 Mil	0.050	32 Mil	0.232	39	20	17.0
2210COFS-xASC	10	22	7/30	10 Mil	0.050	32 Mil	0.266	48	20	17.0
2215COFS-xASC	15	22	7/30	10 Mil	0.050	32 Mil	0.289	65	20	17.0
2004COFS-xASC	4	20	7/28	16 Mil	0.067	32 Mil	0.227	34	25	10.7
2006COFS-xASC	6	20	7/28	16 Mil	0.067	32 Mil	0.267	47	18	10.7
1804COFS-xASC	4	18	16/30	16 Mil	0.078	32 Mil	0.254	46	30	6.9
1806COFS-xASC	6	18	16/30	16 Mil	0.078	32 Mil	0.300	63	20	6.9
1604COFS-xASC	4	16	19/.0117	16 Mil	0.088	32 Mil	0.278	64	33	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.

All trademarks are property of their respective owners. All specifications are subject to change.

Design Number	10269
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

Bristol | Unit 61, Gazelle Rd., Weston Industrial Estate, Weston-super-Mare, North Somerset BS24 9ES UK
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

