

Bulk Cable Specification

MULTICONDUCTOR SHIELDED BULK CABLE FOR CSM SERIES

GENERAL DESCRIPTION: U.L. STYLE 2464 SHIELDED DATA CABLE

CONSTRUCTION

CONDUCTORS: 26 AWG, 7/34 TINNED COPPER
INSULATION: POLYVINYLCHLORIDE, .006" [0.15 MM] MINIMUM WALL THICKNESS, VW-1 FLAMMABILITY RATING

CABLE: COLOR-CODED STRAIGHT CONDUCTORS

SHIELD: OVERALL SHIELD ALUMINIZED POLYESTER FOIL (METAL SIDE IN) APPLIED OVER CABLE CORE. 26 AWG STRANDED TINNED COPPER DRAIN WIRE UNDER THE FOIL SHIELD.


JACKET: POLYVINYLCHLORIDE, GRAY (PANTONE 429C OR 2-24511), .030" [.076 MM] MINIMUM WALL THICKNESS
NOMINAL OVERALL CABLE DIAMETER:
FOR CSM9-BULK, Ø .225" [5.7 MM]
FOR CSM15-BULK, Ø .270" [6.9 MM]
FOR CSM25-BULK, Ø .305" [7.6 MM]
FOR CSM37-BULK, Ø .350" [9.4 MM]

PHYSICAL PROPERTIES

OPERATING TEMPERATURE RANGE: -20°C TO 80°C

ELECTRICAL CHARACTERISTICS

DIELECTRIC WITHSTANDING, MIN: 1500 VRMS
VOLTAGE RATING, MAX: 300V

MARKING:  AWM 2464 VW-1 80°C 300V (U.L. FILE NUMBER) 26AWG L-COM DATA CABLE CSA AWM I/II A/B 80°C 300V FT1 (CSA FILE NUMBER)

COLOR CODES: SEE SHEET 2 FOR CSM SERIES CONDUCTOR COLOR CODE ASSIGNMENTS

USED ON: CSM CABLES ASSEMBLIES

STANDARD ICEA COLOR CODE

COLOR CODE ASSIGNMENTS FOR CSM9 CABLE	
COND. NO.	COLOR
1	BLACK
2	WHITE
3	RED
4	GREEN
5	ORANGE
6	BLUE
7	WHITE / BLACK
8	RED / BLACK
9	GREEN / BLACK

COLOR CODE ASSIGNMENTS FOR CSM15 CABLE	
COND. NO.	COLOR
1	BLACK
2	WHITE
3	RED
4	GREEN
5	ORANGE
6	BLUE
7	WHITE / BLACK
8	RED / BLACK
9	GREEN / BLACK
10	ORANGE / BLACK
11	BLUE / BLACK
12	BLACK / WHITE
13	RED / WHITE
14	GREEN / WHITE
15	BLUE / WHITE

COLOR CODE ASSIGNMENTS FOR CSM25 CABLE	
COND. NO.	COLOR
1	BLACK
2	WHITE
3	RED
4	GREEN
5	ORANGE
6	BLUE
7	WHITE / BLACK
8	RED / BLACK
9	GREEN / BLACK
10	ORANGE / BLACK
11	BLUE / BLACK
12	BLACK / WHITE
13	RED / WHITE
14	GREEN / WHITE
15	BLUE / WHITE
16	BLACK / RED
17	WHITE / RED
18	ORANGE / RED
19	BLUE / RED
20	RED / GREEN
21	ORANGE / GREEN
22	BLACK / WHITE / RED
23	WHITE / BLACK / RED
24	RED / BLACK / WHITE
25	GREEN / BLACK / WHITE

COLOR CODE ASSIGNMENTS FOR CSM37 CABLE	
COND. NO.	COLOR
1	BLACK
2	WHITE
3	RED
4	GREEN
5	ORANGE
6	BLUE
7	WHITE / BLACK
8	RED / BLACK
9	GREEN / BLACK
10	ORANGE / BLACK
11	BLUE / BLACK
12	BLACK / WHITE
13	RED / WHITE
14	GREEN / WHITE
15	BLUE / WHITE
16	BLACK / RED
17	WHITE / RED
18	ORANGE / RED
19	BLUE / RED
20	RED / GREEN
21	ORANGE / GREEN
22	BLACK / WHITE / RED
23	WHITE / BLACK / RED
24	RED / BLACK / WHITE
25	GREEN / BLACK / WHITE
26	ORANGE / BLACK / WHITE
27	BLUE / BLACK / WHITE
28	BLACK / RED / GREEN
29	WHITE / RED / GREEN
30	RED / BLACK / GREEN
31	GREEN / BLACK / ORANGE
32	ORANGE / BLACK / GREEN
33	BLUE / WHITE / ORANGE
34	BLACK / WHITE / ORANGE
35	WHITE / RED / ORANGE
36	ORANGE / WHITE / BLUE
37	WHITE / RED / BLUE