

DGC DATA GUIDE CABLE

Electronic and Electrical Wire & Cable Products

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**18 PAIR 18 AWG PVC INSULATED CABLE,
 OVERALL FOIL SHIELDED WITH PVC JACKET
 UL AND CSA RATED 80C 300VOLTS**

COLOR

CONDUCTOR:
 - 18 AWG 16 Strands Tinned Annealed Copper in Accordance with ASTM B-3 and B-8

DIELECTRIC:
 - .010" Nominal Wall Thickness PVC to Diameter of .066"

COLOR CODE:
 - As Indicated

TWIST ASSEMBLY:
 - Lay Length: 2-1/2" Nominal Left Hand

CABLE ASSEMBLY:
 - Lay Length: 8" Nominal Left Hand Direction
 - Filler: Polypropylene Required in Core Area
 - Foil Shield: .0012" Nominal Thickness Aluminum/Polyester Tape, Foil Facing Out
 - Drain: 18 AWG 16 Strand Tinned Copper over Foil Shield

JACKET:
 - Material: Thermoplastic PVC
 - Color: Gray
 - Wall Thickness: .032" Nominal
 - Finished Cable Diameter: .600" Nominal

CABLE IDENTIFICATION:
 - Type: Surface Print on Jacket
 - Ink Color: Black
 - Legend: "18PR 18A E90298 AWM 2464 80C 300V VW-1 -- LL91737 CSA AWM I/II A/B 80C 300V FT4 CE ROHS"

MECHANICAL:
 - Operating Temperature: -25C to +80C
 - Min. Bend Radius: 7"

PAIR	COLOR
1	BLACK & BLACK/WHITE
2	BLACK/RED & BLACK/RED/WHITE
3	BLACK/RED/VIOLET & WHITE
4	WHITE/RED & WHITE/BLACK
5	WHITE/RED/BLACK & WHITE/RED/VIOLET
6	RED & RED/WHITE
7	RED/BLACK & RED/VIOLET
8	RED/WHITE/BLACK & RED/BLACK/VIOLET
9	BLUE & BLUE/WHITE
10	BLUE/RED & BLUE/BLACK
11	BLUE/WHITE/BLACK & VIOLET
12	VIOLET/WHITE & VIOLET/BLACK
13	VIOLET/ORANGE/BLACK & VIOLET/BLACK/WHITE
14	ORANGE & ORANGE/RED
15	ORANGE/BLACK & ORANGE/VIOLET
16	ORANGE/WHITE/BLACK & ORANGE/BLACK/VIOLET
17	BROWN & BROWN/WHITE
18	YELLOW & YELLOW/BLACK

AGENCY APPROVAL

- UL AWM 2464 80C 300VOLTS VW-1
 - CSA TYPE AWM FT4 80C 300VOLTS
 - CE: EU LOW VOLTAGE DIRECTIVE 2006/95/EC
 - RoHS
 - IEEE 1202 (FT4) FLAME RATED
 - DESIGNED TO MEET IEC 60332-1, -2 FLAME RATINGS

REVISION HISTORY

	DATE	BY	DESCRIPTION
-	2/28/14	WD	INITIAL RELEASE
1	3/11/14	WD	ADD FLAME RATINGS
2	2/10/15	WD	ADD CE PRINT TO JACKET

Customer Number	MAT-007 DRAFT 1
D.G. Part Number	12C13-2
Prepared By:	KAM
Reviewed By:	WJD