

DGC DATA GUIDE CABLE

Electronic and Electrical Wire & Cable Products

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

CONDUCTOR:

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

DIELECTRIC:

- .011" Nominal Wall Thickness PVC to Diameter of .068"

COLOR CODE:

- As Indicated

TWIST ASSEMBLY:

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


CABLE ASSEMBLY:

- Lay Length: 5 1/2" 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: .425" Nominal

CABLE IDENTIFICATION:

- Type: Surface Print on Jacket
 - Ink Color: Black
 - Legend: "8PR 18A E90298  AWM 2464 80C 300V -- LL91737 CSA AWM I/II A/B 80C 300V FT4 -- CE ROHS"

MECHANICAL:

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

Customer Number	MAT-009
D.G. Part Number	12F7-2
Prepared By:	KAM
Reviewed By:	WJD

COLOR CODE

PAIRS	COLORS
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

AGENCY APPROVAL

- UL AWM 2464 80C 300VOLTS
- 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
-	9/16/14	WD	INITIAL RELEASE
1	2/10/15	WD	ADD CE PRINT TO JACKET