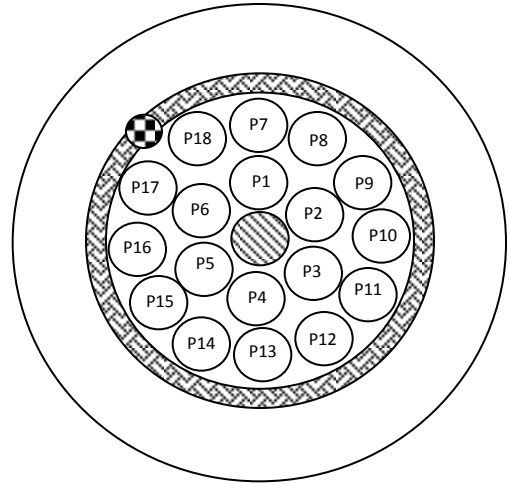


# DGC DATA GUIDE CABLE

Electronic and Electrical Wire & Cable Products

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**18 PAIR 22 AWG PVC INSULATED CABLE  
 FOIL AND BRAID SHIELDED WITH PVC JACKET  
 UL AND CSA RATED**



**CONDUCTOR:**

- 22 AWG 7 Strands Tinned Annealed Copper in Accordance with ASTM B-3 and B-8

**DIELECTRIC:**

- .010" Nominal Wall Thickness PVC to Diameter of .050"

**COLOR CODED:**

- As Indicated

**TWIST ASSEMBLY:**

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

**CABLE ASSEMBLY:**

- Lay Length: 6" Nominal Left Hand Direction  
 - Filler: Polypropylene Required in Core Area  
 - Foil Shield: .0012" Nominal Thickness Aluminum/Polyester Tape Foil Facing Out  
 - Drain: 22 AWG 7 Strand Tinned Copper over Foil Shield

**BRAID:**

- Material: 36 AWG Tinned Copper  
 - Coverage: 70% Nominal

**JACKET:**

- Material: Thermoplastic PVC  
 - Color: Gray  
 - Wall Thickness: .032" Nominal  
 - Finished Cable Diameter: .498" Nominal

**CABLE IDENTIFICATION:**

- Type: Surface Print on Jacket  
 - Ink Color: Black  
 - Legend: "18PR 22A E123820 22 AWG TYPE CM (UL) 105C OR AWM 2464 - - LL91737 CSA TYPE CMG 105C FT4 CE ROHS"

**MECHANICAL:**

- Operating Temperature: -25C to +105C  
 - Min. Bend Radius: 5-3/4"

**COLOR CODE**

PAIR	COLOR	PAIR	COLOR
1	Black & Black/White	10	Blue/Red & Blue/Black
2	Black/Red & Black/Red/White	11	Blue/White/Black & Purple
3	Black/Red/Purple & White	12	Purple/White & Purple/Black
4	White/Red & White/Black	13	Purple/Orange/Black & Purple/Black/White
5	White/Red/Black & White/Red/Purple	14	Orange & Orange/Red
6	Red & Red/White	15	Orange/Black & Orange/Purple
7	Red/Black & Red/Purple	16	Orange/White/Black & Orange/Black/Purple
8	Red/White/Black & Red/Black/Purple	17	Brown & Brown/White
9	Blue & Blue/White	18	Yellow & Yellow/Black

**AGENCY APPROVAL**

- UL TYPE CM 105C
- UL AWM 2464 80C 300VOLTS VW-1
- CSA TYPE CMG 105C
- 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**

-	10/24/13	WD	INITIAL RELEASE
1	11/6/13	WD	ADD APPROVALS/MECHANICAL
2	2/4/14	WD	COLOR CODE CHANGE
3	3/11/14	WD	ADD FLAME RATINGS
4	2/10/15	WD	ADD CE PRINT TO JACKET

Customer Number	MAT-015
D.G. Part Number	13K16-8
Prepared By:	KAM
Reviewed By:	WJD