

**Alpha Wire Company
Design Specification**

**P/N: 669165, Issue 1
Date: 7/29/2003**

CDC#1383

General Description

Individual Component 1: 7 X 1 COND
Conductor: 18 (19/30) AWG BC
Insulation: 0.016" WALL PVC
Color Code: 6 SOLID COLORS/1 STRIPED/6 NUMBER CODED

Cond	Color	Cond	Color	Cond	Color
1	GREEN/YELLOW	4	DK. BLUE #3	7	DK. BLUE #6
2	DK. BLUE #1	5	DK. BLUE #4		
3	DK. BLUE #2	6	DK. BLUE #5		

Overall

Cabling: 7 COMPONENTS CABLED
Core Wrap: CM TAPE
Shield: A/M FOIL SHIELD w/18 (19/30) AWG TC DRAIN WIRE
Jacket Separator: TP TAPE
Jacket: 0.046" WALL GRAY PVC, Nom OD (0.350")
Packaging: 1000FT PUTUP

Performance & Ratings

Temperature: 90 C
Voltage: 300 V_{RMS}
UL: AWM/STYLE2549
CSA: AWM-II-A/B
 FT1
MIL: NONE
OTHER: CE

Requested Quantity: 2,500Ft., 10,000Ft.

Application Notes

Same as 65807CY except 300 volts and an additional mylar/alum shield facing out. 6 dk.bl conductors (numbered) and 1 gr/yl. Also similar to Olfex 811763 which is a modified 601807CY. Stranding is calling out 19/30 while 65807CY shows 16/30.

7/28/03 - Updated construction to sample provided
 7/C 18AWG 19/30 BC .010 PVC
 foil shield + 18 19/30 tc DW
 .046 gray PVC Jkt OD .315
 90c 300v
 UL AWM - CSA AWM II A/B FT1

Note: Unable to offer CSA listing with 0.010" PVC insulation wall thickness. We will use 0.016" PVC insulation wall thickness.

Design Accepted: _____ Date: _____

Name: _____ Title: _____