



AEROSPACE WIRE & CABLE INC.

129-09 18th Avenue College Point, NY 11356
Phone: (718) 358-2345 Fax: (718) 358-2522

Cable Specifications

PART NUMBER: **9182**

1) DESCRIPTION:

7 Conductors Individual Shielded Cabled Around 11 Conductors Shielded With Overall TC Braid (UL 1886,20229)
AWG 22/7x30 TC FEP/FEP Gray

2) ITEM #1

- a) CONDUCTOR: AWG 22/7x30 Tinned Copper O.D. = .030"
- b) INSULATION: FEP .012" Wall O.D. = .054"
- c) COLOR CODE: **Black / White / Green / Red / Blue / Orange / Wht-Blk**
- d) TWIST LAY: none
- e) SHIELD:
 - 1. Each Conductors Shield With Aluminum (In) / Mylar & 22/7x30 TC Drain Wire
 - 2. Each Conductors Shield With Clear Mylar Tape
- f) BRAID: none
- g) JACKET: none

3) ITEM #2

- a) CONDUCTOR: AWG 22/7x30 Tinned Copper O.D. = .030"
- b) INSULATION: FEP .012" Wall O.D. = .054"
- c) COLOR CODE: **Red-Black / Green-Black / Orange-Black / Blue-Black / Black-White**
Red-White / Green-White / Blue-White / Black-Red / White-Red / Orange-Red
- d) TWIST LAY: 6" Lay on Cable
- e) SHIELD: Aluminum (In) / Mylar Shield With AWG 22/7x30 TC Drain Wire
- f) BRAID: none
- g) JACKET: none O.D. = .240" Nominal

5) CABLE:

- a) TWIST: Cable Item # 1 (7C) Around Cable Item # 2 (11C) With 8" Lay - Clear Mylar Tape
- b) SHIELD: none
- c) BRAID: Overall Tinned Copper Braid With 80% Coverage AWG 34
- d) JACKET: Gray FEP .022" Wall O.D. = .468" Nominal

- e) MARKING: **E157093 AWG 22 UL 1886, 20229 150 C 300 V**
- f) CAPACITANCE: n/a IMPEDANCE: n/a
- g) WEIGHT: 129 Lbs / 1000 Feet
- h) TEMPERATURE: UL Rated -80 C to 150 C VOLTAGE: UL 300V Power Limited