



**ADVANCED DIGITAL CABLE INC.**

Part Number: 8455ORG

**Product Data Sheet**

94 Eagle Fork Rd Hayesville, NC 28904  
Ph: 800.343.2579 Fax: 828.389.3922

Description: 14 AWG LOOP DUCT IMSA 51-5 WITH BLACK INSULATION AND AN ORANGE PVC JACKET

Suitable Application: Traffic Signal Cable

**Construction Details:**

|                                 |                              |
|---------------------------------|------------------------------|
| Total Number Conductors         | 1                            |
| Awg                             | 14                           |
| Stranding                       | Stranded                     |
| Conductor Material              | Bare copper                  |
| Insulation Material             | Polyvinylchloride            |
| Insulation/Dielectric Thickness | .016"                        |
| Nominal Insulation Diameter     | .105"                        |
| Color Code                      | Black                        |
| Nylon                           | Yes                          |
| Nylon Thickness                 | .005                         |
| Nominal Operation Diameter      | .115                         |
| Final Jacket Material           | Loose Tube Polyvinylchloride |
| Nominal Thickness               | .030"                        |
| Jacket Color                    | Orange                       |
| Nominal Jacket Diameter         | .210"                        |

**Print (Inkjet)**

|                                 |     |
|---------------------------------|-----|
| Inkjet in black ink             | Yes |
| Sequential foot marks on jacket | Yes |

**Print Legend:**

**Print on Insulation;**  
ADVANCED DIGITAL CABLE 14 AWG 600V 90C (UL) TYPE THHN OR THWN E208489 GASOLINE RESISTANT AND OIL RESISTANT I

**Print on Jacket;**

ADVANCED DIGITAL CABLE, INC. CALTRANS TYPE 2 LOOP DETECTOR WIRE 14 AWG 600V 105C

**Applicable Standards:**

|                   |      |                |      |
|-------------------|------|----------------|------|
| Operating voltage | 600v | UL Type        | NA   |
|                   |      | IMSA           | 51-5 |
|                   |      | ROHS Compliant | Yes  |

Customer Name: \_\_\_\_\_ Date Signed: \_\_\_\_\_

Customer Approval: \_\_\_\_\_

Specification Issue Date: 1/6/10