

<b>Advanced Digital Cable, Inc.</b>	<b>Specification Sheet for CALTRANS 20 awg 6 pairs Signal Interconnect Cable</b>	<b>Date:</b>	<b>12/12/02</b>
		<b>Part Number:</b>	<b>10116CA</b>
Drawn by:	Customer Approval:	<b>UL Type:</b>	<b>N/A</b>



**Construction Details:**

This cable is constructed with six pairs composed of 20 awg tinned copper conductors insulated with polypropylene. Each pair is cabled with an aluminum/polyester tape wrap and a 22 awg tinned copper drain wire. Finally, the six pairs are cabled together with an overall clear polyester tape wrap and a jacket of black high density polyethylene completes the package.

**Physical Specifications**

**Conductors:** 12 – 20 awg (10/30) tinned copper .036”

**Dielectric:** 13 mil wall of polypropylene to a nominal diameter of .062”.

**Pairing:** Cable together two insulated conductors, per the color code, with an overall aluminum/polyester tape – foil in, and a 22 awg (7/30) tinned copper drain in a 1” left hand lay to a nominal diameter of .126”.

**Cabling:** Cable together six shielded pairs in a 5” left hand lay with an overall clear polyester tape wrap to a nominal diameter of .380”.

**Jacket:** 40 mil wall of black high density polyethylene to a nominal diameter of .460”.

**Print:** White inkjet print:  
**ADVANCED DIGITAL CABLE CALTRANS  
POLYPROPYLENE 20 AWG/12C 300 VOLTS 60C**

**Put Up:** Per order specification.

**Color Code**

<b>Pair Number</b>	<b>Insulation Color</b>
<b>One</b>	<b>1-Black 1-White</b>
<b>Two</b>	<b>1-Black 1-Red</b>
<b>Three</b>	<b>1-Black 1-Green</b>
<b>Four</b>	<b>1-Black 1-Blue</b>
<b>Five</b>	<b>1-Black 1-Yellow</b>
<b>Six</b>	<b>1-Black 1-Brown</b>

**Electrical Specifications**

**Nominal Capacitance: 30 pF/ft**