



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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Navico # 032-0030-00

PART NUMBER: 94101
DESCRIPTION: 22/2PR EPS TC CONTROL CABLE
CONSTRUCTION: This cable consists of two shielded pairs of tinned copper insulated conductors and an overall UV resistant jacket.
APPROVALS: This cable is not listed.

Construction Parameters:

Conductor	22 AWG Tinned Copper
Stranding	7/30
Insulation Material	Polypropylene
Insulation Thickness	0.006" Nom.
Insulated Conductor Diameter	0.045" Nom.
Number of Pairs	2
Lay Length (Overall)	2.00" Nom.
Foil Shield	Alum/Mylar
Common Drain Wire	24 AWG TC 7/32
Separator	Paper Tissue
Jacket Material	PVC; UV Resistant
Jacket Thickness	0.037" Nom.
Overall Cable Diameter	+/- .010" 0.195" Nom.
Approximate Cable Weight	23.7 Lbs/1M' Nom.

Electrical Properties:

Temperature Rating	-40°C to 90°C
Operating Voltage	300 V RMS Max.
Capacitance Between Conductors @ 1 KHz	31.65 pF/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	63.45 pF/ft Nom.
Inductance	0.08 uH/ft Nom.
DC Resistance per Conductor @ 20°C	16.58 Ohms/1M' Nom.

Insulation Colors	Pair 1: Black & Blue Pair 2: Yellow & White
Jacket Color	Black
Legend (Surface Ink Print)	CCI - 0030 - LOT# - DATE CODE
Packaging	5000' Reel

This product complies with European Directive 2002/95/EC (RoHS)
On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

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Customer Name _____

Customer Approval _____

Specification Issue Date: July 28, 2011