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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
EH	00		W	REV PER ECO-12-018955	31OCT2012	JM	PJ

FINISHED CABLE DATA		
CONDUCTORS	WIRE AWG	24 AWG SOLID
	MATERIAL	SOLID BARE COPPER $\triangle 5$
INSULATION	MATERIAL	FLUOROPOLYMER/POLYOLEFIN $\triangle 5$
JACKET	MATERIAL	FR PVC $\triangle 5$
ELECTRICAL REQUIREMENTS		
INSULATION RESISTANCE	500 MEGOHMS MIN/1000 FT	
CONDUCTOR RESISTANCE	28.6 OHMS MAX/1000 FT	

- GOVERNING SPECIFICATIONS: (LATEST ISSUE)
 NEC 800
 UL444 CMP
 TIA-568-C.2 CAT 5E
- JACKET MARKED PER UL444.
- $\triangle 3$ DATE CODE.
- $\triangle 4$ SEQUENTIAL FOOTAGE IS RETURNED TO ZERO FOR EACH LENGTH ON PUTUP LENGTHS 3000 FT OR LESS.
- $\triangle 5$ MATERIALS ARE SELECTED BASED ON THEIR ABILITY TO CONFORM TO UL 444 AND EIA/TIA 568, LATEST ISSUES
- $\triangle 6$ INSULATION COLORS SHALL BE BLUE, ORANGE, GREEN, BROWN AND WHITE. THE INSULATION COLOR MAY BE TRANSLUCENT.
- $\triangle 7$ XX=JACKET COLOR. BL=BLUE, WT=WHITE, GY=GRAY, GN=GREEN, YL=YELLOW, OR=ORANGE, RD=RED, VT=VIOLET, BK=BLACK.
- $\triangle 8$ REPLACE "02" FOR THE FOLLOWING FOOTAGES: 04=2,000', 05=2,500'. CALL FOR ADDITIONAL OPTIONS.

COLOR CODE $\triangle 6$

PAIR	
1	WHT/BLU
2	WHT/ORG
3	WHT/GRN
4	WHT/BRN

Diagram showing a cross-section of a cable with 4 pairs of conductors. The pairs are twisted with different lays. Labels include: CONDUCTOR, JACKET, INSULATION, and CORE: 4 PAIRS CABLED TOGETHER. A dimension line indicates a diameter of 0.182 NOMINAL.

CABLE TYPE	CATALOG NUMBER	WEIGHT		PACKAGING
		LBS/KFT	KG/KM	
PLENUM	TE510P-XX02	21	31	1,000' REEL
	TE510P-XXII	20	29	1,000' REELEX BOX

$\triangle 7$ $\triangle 8$

LEGEND TO BE REPEATED EVERY 24±.25'

TE CONNECTIVITY 510 SERIES 4/24 AWG T256 CMP CULOUS ETL VERIFIED TIA-568-C.2 CAT 5E XXXX FT

$\triangle 4$ $\triangle 3$

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	L.HALL	15AUG03	TE TE Connectivity											
DIMENSIONS: INCHES		CHK	R. SPEER	15AUG03												
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	R.SPEER	15AUG03												
<table border="1"> <tr><td>0 PLC</td><td>±</td></tr> <tr><td>1 PLC</td><td>± .1</td></tr> <tr><td>2 PLC</td><td>± .02</td></tr> <tr><td>3 PLC</td><td>± .005</td></tr> <tr><td>4 PLC</td><td>± .0005</td></tr> <tr><td>ANGLES</td><td>±</td></tr> </table>		0 PLC	±	1 PLC		± .1	2 PLC	± .02	3 PLC	± .005	4 PLC	± .0005	ANGLES	±	NAME	
0 PLC	±															
1 PLC	± .1															
2 PLC	± .02															
3 PLC	± .005															
4 PLC	± .0005															
ANGLES	±															
MATERIAL	FINISH	WEIGHT	A2	CAGE CODE	00779	DRAWING NO	C=219513	RESTRICTED TO	-							
CUSTOMER DRAWING		SCALE	NTS	SHEET	1 of 1	REV	W									

1471-9 (3/11)