



CABLE TECHNOLOGY, INC.

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CABLE TECHNOLOGY PN: CT-E449H ALPHA EQUAL 6413

<u>CONDUCTORS:</u>	#24 7/32 TINNED COPPER INSULATED WITH .016" POLYETHYLENE (PE)
<u>PAIRS:</u>	TWIST TWO (2) CONDUCTORS TOGETHER (8 TWISTS/FOOT MIN)
<u>CABLING:</u>	CABLE TWO (2) PAIRS TOGETHER. (4.4 TWISTS/FOOT MIN)
<u>TAPE SHIELD:</u>	WRAP CORE WITH AN ALUMINUM/MYLAR TAPE SHIELD (FOIL SIDE OUT, 25% OVERLAP MIN)
<u>DRAIN WIRE:</u>	PULL IN A #24 7/32 TC DRAIN WIRE OVER TAPE, IN CONTACT WITH FOIL
<u>SHIELD:</u>	TINNED COPPER BRAID, 90% COVERAGE MIN
<u>JACKET:</u>	.035" CHROME PVC.
<u>PRINT IN WHITE:</u>	E151405 2PR 24 AWG SHIELDED 75C (UL) C(UL) TYPE CM...AWM 2919 LOW VOLTAGE COMPUTER CABLE...VW-1...ROHS
<u>NOM OD:</u>	.280" (.293" MAX)
<u>COLOR CODE PAIRS:</u>	1) WHITE-BLUE / BLUE-WHITE 2) WHITE-ORANGE / ORANGE-WHITE



PROPERTIES

1) TEMPERATURE RANGE	-20 TO 80°C
2) BEND RADIUS	10X CABLE DIAMETER
3) PULL TENSION	24.2 LBS, MAXIMUM
4) ROHS COMPLIANT	YES
ELECTRICAL PROPERTIES	
1) VOLTAGE RATING	300 VRMS
2) CHARACTERISTIC IMPEDANCE	120 Ω
3) MUTUAL CAPACITANCE	12.8 PF/FT @1 KHZ, NOMINAL
4) GROUND CAPACITANCE	23 PF/FT @1 KHZ, NOMINAL
5) CONDUCTOR DCR	26 Ω/1000FT @20°C, NOMINAL
6) OA SHIELD DCR	2.5 Ω/1000FT @20°C, NOMINAL

<u>APPLICABLE SPECIFICATIONS:</u>	C(UL) (UL FOR CANADA) TYPE CM, UL AWM 2919, UL CM, UL VW-1, RoHS
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