## Technical Data Sheet

10-07-10 REV. 9

YR43406

I. DESCRIPTION

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18 AWG (19 X 30) TINNED COPPER, PVC INSULATED, 25 UNSHIELDED PAIRS, OVERALL FOIL AND BRAID SHIELD, PVC JACKET. AMAT P/N 1390-02399

II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE:

MAX. CONTINUOUS CURRENT PER

CONDUCTOR @ 25 DEG. C:

NOM. CAPACITANCE BETWEEN

CONDUCTORS OF PAIR @ 1 KHZ:

NOM. INDUCTANCE OF PAIRS:

NOM. CONDUCTOR DC RESISTANCE

@ 20 DEG. C:

NOM. SHIELD DC RESISTANCE

@ 20 DEG. C:

300 V RMS

2.1 A

30 PF/FT.

0.15 MICRO-H/FT.

6.5 OHMS/1000 FT.

1.3 OHMS/1000 FT.

III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING:

CONDUCTOR MATERIAL & DIA:

INSULATION MATERIAL & DIA:

SHIELD TYPE AND % COVERAGE:

JACKET MATERIAL:

DIAMETER:

TWISTED PAIR LAY LENGTH:

MAX. PULLING TENSION:

MIN. BEND RADIUS:

NOM. WEIGHT/1000 FT.:

APPLICABLE SPECIFICATION:

FLAME RESISTANCE:

-20 TO +80 DEG. C

#18(19X30) T.C.

.046" NOM.

PVC, .011" WALL

.066" NOM.

ALUM/POLY TAPE; 100%

#20 AWG (19X30)TINNED

COPPER DRAIN WIRE,

TINNED COPPER BRD; 65%

PVC (BLACK)

.817" +/- .007"

2" (6 TWIST/FT)

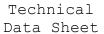
1325 LBS.

8"

450 LBS.

UL AWM 2464

VW-1





## COLOR CODE: IV.

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PAIR #	COLOR COMBINATION
1	WHITE/BLUE & BLUE/WHITE
2	WHITE/ORANGE & ORANGE/WHITE
3	WHITE/GREEN & GREEN/WHITE
4	WHITE/BROWN & BROWN/WHITE
5	WHITE/GRAY & GRAY/WHITE
6	RED/BLUE & BLUE/RED
7	RED/ORANGE & ORANGE/RED
8	RED/GREEN & GREEN/RED
9	RED/BROWN & BROWN/RED
10	RED/GRAY & GRAY/RED
11	BLACK/BLUE & BLUE/BLACK
12	BLACK/ORANGE & ORANGE/BLACK
13	BLACK/GREEN & GREEN/BLACK
14	BLACK/BROWN & BROWN/BLACK
15	BLACK/GRAY & GRAY/BLACK
16	YELLOW/BLUE & BLUE/YELLOW
17	YELLOW/ORANGE & ORANGE/YELLOW
18	YELLOW/GREEN & GREEN/YELLOW
19	YELLOW/BROWN & BROWN/YELLOW
20	YELLOW/GRAY & GRAY/YELLOW
21	PURPLE/BLUE & BLUE/PURPLE
22	PURPLE/ORANGE & ORANGE/PURPLE
23	PURPLE/GREEN & GREEN/PURPLE
24	PURPLE/BROWN & BROWN/PURPLE
25	PURPLE/GRAY & GRAY/PURPLE