

07-31-97 REV. 9

8164

I. DESCRIPTION:

24 AWG (7X32) TINNED COPPER, 4 PAIRS, DATALENE
INSULATION WITH INDIVIDUAL BELDFOIL SHIELDS AND AN
OVERALL BELDFOIL/TINNED COPPER BRAID SHIELD, PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE:	300 V RMS
MAX. CONTINUOUS CURRENT PER CONDUCTOR @ 25 DEG. C:	2.5 A
NOM. CAPACITANCE BETWEEN CONDUCTORS OF PAIR @ 1 KHZ:	12.5 PF/FT
NOM. CAPACITANCE CONDUCTOR TO SHIELD @ 1 KHZ (ONE CONDUCTOR TO OTHER CONDUCTORS AND SHIELD):	22 PF/FT.
NOM. IMPEDANCE OF PAIRS:	100 OHMS
NOM. CONDUCTOR DC RESISTANCE @ 20 DEG C:	25 OHMS/1000 FT.
NOM. VELOCITY OF PROPAGATION:	78%

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING:	-40 TO +60 DEG C
INSULATION MATERIAL:	DATALENE
JACKET MATERIAL (COLOR):	PVC (CHROME)
TYPE SHIELD AND % COVERAGE:	INDIV POLYESTER/ALUM FOIL SHIELDED PRS (100%) PLUS OVERALL (100%) POLYESTER/ ALUM & 65% T.C. BRAID
MAX. PULLING TENSION:	111 LBS.
TWISTED PAIR LAY LENGTH:	1" (12 TWISTS/FT)
MIN. BEND RADIUS:	4.0"
NOM. WEIGHT/1000 FT.:	75 LBS
NOM. DIAMETER:	.383"
APPLICABLE SPECIFICATIONS:	UL TYPE CM OR AWM 2493 OR CEC C(UL) CM
FLAME RESISTANCE:	UL 1581 VERTICAL TRAY FLAME TEST

IV. COLOR CODE:

PAIR#	COLOR COMBINATION
1	BLACK AND RED
2	BLACK AND WHITE
3	BLACK AND GREEN
4	BLACK AND BLUE

END OF DATA FOR PRODUCT - 8164
