

TECHNICAL DATA

Customer Number • 000001

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TECHNICAL DATA

01-31-01 REV. 12

9503

I. DESCRIPTION:

24 AWG (7X32) TINNED COPPER, THREE S-R PVC INSULATED TWISTED PAIRS, OVERALL BELDFOIL(R) TAPE SHIELD WITH A 24 AWG STRANDED TINNED COPPER DRAIN WIRE, PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE:	300 V RMS
MAX. CONTINUOUS CURRENT PER CONDUCTOR @ 25 DEG.C:	1.76 A
NOM. CAPACITANCE BETWEEN CONDUCTORS OF PAIR @ 1 KHZ:	30 PF/FT.
NOM. CAPACITANCE CONDUCTOR TO SHIELD @ 1 KHZ*:	50 PF/FT.
NOM. CONDUCTOR DC RESISTANCE @ 20 DEG C:	24 OHMS/1000 FT.
NOM. SHIELD DC RESISTANCE @ 20 DEG C:	17 OHMS/1000 FT.

*ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING:	-30 TO +80 DEG.C
INSULATION MATERIAL:	SEMI-RIGID PVC
JACKET MATERIAL (COLOR):	PVC (CHROME)
TYPE SHIELD AND % COVERAGE:	ALUM/POLYESTER-100%
MAX. PULLING TENSION:	33 LBS.
TWISTED PAIR LAY LENGTH:	1.5" (8 TWISTS/FOOT)
MIN. BEND RADIUS:	2.50"
NOM. O.D.:	.232"
NOM. WEIGHT/1000 FT.:	27.1 LBS.
APPLICABLE SPECIFICATIONS:	UL TYPE CMG OR AWM

2464, CSA C(UL) CMG
OR AWM I/A
UL 1581, CSA FT4

FLAME RESISTANCE:

IV. COLOR CODE:

BLACK AND RED
BLACK AND WHITE
BLACK AND GREEN