01-16-98 REV. 3

YR39642

I. DESCRIPTION:

#20 (7X28) AWG TINNED COPPER, 2 CONDUCTORS, 75 OHM TWINAX.

II. ELECTRICAL CHARACTERISTICS:

NOM. IMPEDANCE:	75 OHMS
NOM. INDUCTANCE:	.218 MICRO-H/FT.
NOM. CAPACITANCE BETWEEN CONDUCTORS:	13.4 PF/FT. (44 PF/M)
CONDUCTOR TO SHIELD:	24 PF/FT.
NOM. VELOCITY OF PROPAGATION:	78%
NOM. DELAY:	1.31 NS/FT.

ATTENUATION NOMINAL

MHZ	DB/100 FT.
1	0.3
10	1.2
50	2.8
100	4.1
200	6.4
400	9.6

NOM. SHIELD DC RESISTANCE:	09.0 OHMS/1000 FT.
NOM. CONDUCTOR DC RESISTANCE:	10.1 OHMS/1000 FT.
MAX. OPERATING VOLTAGE:	300 V RMS

III. PHYSICAL CHARACTERISTICS

NOM. WEIGHT/1000 FT.:	52 LBS
MIN. BENDING RADIUS:	2.5"
TEMPERATURE RATING:	-40 TO +75 DEG.C
MAX. PULLING TENSION:	37 LBS
SHIELD TYPE AND % COVERAGE:	ALUM/POLYESTER; 100% #20 (7X28) AWG T.C. DRAIN
INSULATION MATERIAL:	CELLULAR POLYETHYLENE
COLOR CODE:	WHITE, BLUE
JACKET MATERIAL (COLOR):	PVC (CHROME)
NOM. DIAMETER:	.250"
APPLICABLE SPECIFICATIONS:	UL TYPE CL2 / PLTC
FLAME RESISTANCE:	UL 1581 & VW1

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