

REVISION: 003 - 11/20/00

129182

I. DESCRIPTION:

#22 (19X34) AWG TINNED COPPER, 150 OHM TWINAX, PVC INNER JACKET, ALUMINUM INTERLOCKED ARMOR, OVERALL PVC JACKET

II. ELECTRICAL CHARACTERISTICS:

NOM. IMPEDANCE: 150 OHMS
NOM. INDUCTANCE: 0.293 MICRO-H/FT.
NOM. CAPACITANCE
BETWEEN CONDUCTORS: 8.8 PF/FT.
CONDUCTOR TO SHIELD: 16.5 PF/FT.
NOM. VELOCITY OF PROPAGATION: 78%
NOM. DELAY: 1.3 NS/FT.
NOM. ATTENUATION:

FREQ. (MHZ)	DB/100 FT.
1	.40
5	.85
10	1.20
20	1.70
50	2.7
100	4.3
200	6.2
400	8.8

NOM. CONDUCTOR DC RESISTANCE @ 20 DEG. C: 14.0 OHMS/1000 FT.
NOM. SHIELD DC RESISTANCE @ 20 DEG. C: 6.3 OHMS/1000 FT.
MAX. OPERATING VOLTAGE: 150 V RMS

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -20 TO +60 DEG. C
INSULATION MATERIAL: FOAMED H.D. POLYETHYLENE
TYPE SHIELD AND % COVERAGE: DUOFOIL; 100%, #22 (19X34) T.C. DRAIN 3" (4 TWISTS/FT.)
TWISTED PAIR LAY LENGTH: .345"
NOM. DIAMETER (CORE):
AN INTERLOCKED ALUMINUM ARMOR & PVC JACKET ARE APPLIED OVER THE BELDEN 9182 CORE.
DIAMETER OVER ARMOR: .57"
DIAMETER OVER PVC JACKET: .655"
(OTHER COLORS AVAILABLE UPON REQUEST)
MIN. BENDING RADIUS: 8.0"
NOM. WEIGHT/1000': 155 LBS.
MAX. PULLING TENSION: 235 LBS.
SPECIFICATIONS: UL TYPE CL2X
FLAME RATING:

COLOR CODE: UL 1581 VERTICAL TRAY
BLACK, YELLOW

USE: SUITABLE FOR INDOOR & OUTDOOR AERIAL APPLICATIONS.

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