

129841

I. DESCRIPTION:

24 AWG (7X32) TINNED COPPER, POLYETHYLENE INSULATED
TWISTED PAIR WITH AN OVERALL BELDFOIL AND TINNED
COPPER BRAID SHIELD, 24 AWG TINNED COPPER DRAIN
WIRE, PVC INNER JACKET, ALUMINUM INTERLOCKED ARMOR,
OVERALL PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE 300 V RMS
MAX. CONTINUOUS CURRENT PER
CONDUCTOR @ 25 DEG. C 2.1 A
NOM. CAPACITANCE BETWEEN
CONDUCTORS @ 1 KHZ 12.8 PF/FT. ESTIMATED
NOM. CAPACITANCE CONDUCTOR TO
SHIELD @ 1 KHZ* 23.0 PF/FT. ESTIMATED
NOM. IMPEDANCE 120 OHMS
NOM. CONDUCTOR DC RESISTANCE
@ 20 DEG. C 24 OHMS/1000 FT
NOM. SHIELD DC RESISTANCE
@ 20 DEG. C 3.35 OHMS/1000 FT.
NOM. VELOCITY OF PROPAGATION 66%
NOM. DELAY 1.6 NS/FT. ESTIMATED
NOM. ATTENUATION @ 1 MHZ .6 DB/100 FT. ESTD.
*ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -40 TO +80 DEG.C
INSULATION MATERIAL: POLYETHYLENE
INNER JACKET MATERIAL (COLOR): PVC (CHROME)
TYPE SHIELD AND % COVERAGE: BELDFOIL/BRAID 100%/90%
APPLICABLE SPECIFICATIONS(CORE): UL/C(UL) CM, AWM 2919

AN INTERLOCKED ALUMINUM ARMOR & PVC JACKET ARE APPLIED
OVER THE BELDEN 9841 CORE.

INNER JACKET DIAMETER: .232" NOMINAL
DIA. OVER ARMOR: .442" NOMINAL
OUTER JACKET DIAMETER: .532" NOMINAL
MIN. BENDING RADIUS 5.3" ESTIMATED
NOM. WEIGHT/1000' 134 LBS. ESTIMATED
MAX. PULLING TENSION: 205 LBS. ESTIMATED



Technical Data Sheet

SPECIFICATIONS:

SUNLIGHT RESISTANT,
CSA CMG
CSA HLBCD (HAZ.LOC.)
UL1581 VERTICAL TRAY
CSA FT4 VERTICAL TRA
(70,000 BTU/HR)

FLAME RATING:

IV. COLOR CODE:

WHITE/BLUE
BLUE/WHITE