

Technical Data Sheet

128761

I. DESCRIPTION:

22 AWG (7X#30) TINNED COPPER, POLYETHYLENE INSULATION, TWISTED BELDFOIL SHIELDED PAIR, 22 AWG STRANDED 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: 2.9 AMPS

NOM. CAPACITANCE BETWEEN

CONDUCTORS @ 1 KHZ: 24 PF/FT

NOM. CAPACITANCE CONDUCTOR

TO SHIELD @ 1 KHZ* 47 PF/FT

NOM. INDUCTANCE OF PAIRS: 0.2 MICRO-H/FT.

NOM. CONDUCTOR DC RESISTANCE

@ 20 DEG. C: 16 OHMS/1000 FT.

NOM. IMPEDANCE: 64 OHMS

*ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -20 TO +60 DEG.C

INSULATION MATERIAL: POLYETHYLENE JACKET MATERIAL (COLOR): PVC (CHROME)

TYPE SHIELD AND % COVERAGE: ALUM./POLYESTER-100% TWISTED PAIR LAY LENGTH: 1.5 " (8 TWIST/FT)

AN ALUMINUM INTERLOCKED ARMOR AND OVERALL PVC JACKET ARE

APPLIED OVER THE BELDEN 8761 CORE:

CORE DIAMETER: .175"
ARMOR DIAMETER: .38"
OVERALL DIAMETER: .48"
MAXIMUM PULLING TENSION: 27 LBS.
WEIGHT/1000': 93 LBS.
MIN. BEND RADIUS: 5.75"

APPLICABLE SPECIFICATIONS: UL TYPE CM

CEC C(UL) CM

COLOR CODE: BLACK/CLEAR

FLAME RESISTANCE: UL1685 VERTICAL TRAY

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