

128105

I. DESCRIPTION:

24AWG (7X32) TINNED COPPER, 24 AWG (7X32) TCDW, 5 PAIR,
CELLULAR POLYOLEFIN INSULATION WITH OVERALL BELDFOIL(R)
TAPE/TINNED COPPER BRAID SHIELD, PVC JACKET. OVERALL
OVERALL ALUMINUM INTERLOCKED ARMOR WITH PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE: 300 VRMS (TYPE CM)
MAX. CONTINUOUS CURRENT PER
CONDUCTOR @ 25 DEG. C: 1.5 A
NOM. CAPACITANCE BETWEEN
CONDUCTORS OF PAIR @ 1 KHZ: 12.5 PF/FT
NOM. CAPACITANCE CONDUCTOR TO
SHIELD @ 1 KHZ (ONE CONDUCTOR
TO OTHER CONDUCTORS & SHIELD: 22 PF/FT
NOM. IMPEDANCE OF PAIRS: 100 OHMS
NOM. CONDUCTOR DC RESISTANCE
@ 20 DEG. C: 24 OHMS/1000 FT.
NOM. VELOCITY OF PROPAGATION: 78%

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -30 TO +80 DEG. C
INSULATION MATERIAL: CELLULAR POLYOLEFIN
JACKET MATERIAL: PVC
TYPE SHIELD AND % COVERAGE: POLYESTER/ALUM TAPE &
65% TC BRAID OVERALL
MAX. PULLING TENSION 60.5 LBS
AN ALUMINUM INTERLOCKED ARMOR AND OVERALL PVC JACKET ARE
APPLIED OVER THE BELDEN 8102 CORE:
CORE DIAMETER: .316"
ARMOR DIAMETER: .519"
JACKET DIAMETER: .609" NOM.
APPLICABLE SPECIFICATIONS: UL CM OR C(UL) CM
FLAME RESISTANCE: UL 1581

IV. COLOR CODE:

PR #	COLOR COMBINATION
1	WHITE-BLUE STRIPE & BLUE-WHITE STRIPE
2	WHITE-ORANGE STRIPE & ORANGE-WHITE STRIPE
3	WHITE-GREEN STRIPE & GREEN-WHITE STRIPE
4	WHITE-BROWN STRIPE & BROWN-WHITE STRIPE
5	WHITE-GRAY STRIPE & GRAY-WHITE STRIPE