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Belden Wire & Cable Company

PRODUCT CODE
9505

TECHNICAL
DATA SHEET
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10-02-92 REV. 8

9505

I. DESCRIPTION:

24 AWG (7X32) TINNED COPPER, 5 S-R PVC INSULATED
TWISTED PAIRS, OVERALL BELDFOIL ALUMINUM-POLYESTER SHIELD,
24 AWG STRANDED TINNED COPPER DRAIN WIRE, PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE: 300 V RMS
MAX. CONTINUOUS CURRENT PER
CONDUCTOR @ 25 DEG.C: 1.5 A
NOM. CAPACITANCE BETWEEN
CONDUCTORS OF PAIR @ 1 KHZ: 30 PF/FT.
NOM. CAPACITANCE CONDUCTOR
TO SHIELD @ 1 KHZ*: 50 PF/FT.
NOM. CONDUCTOR DC RESISTANCE
@ 20 DEG C: 25 OHMS/1000 FT.
NOM. SHIELD DC RESISTANCE
@ 20 DEG C: 17 OHMS/1000 FT.

*ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: -30 TO +80 DEG.C
INSULATION MATERIAL: SEMI-RIGID PVC
JACKET MATERIAL (COLOR): PVC (CHROME)
TYPE SHIELD AND % COVERAGE: ALUM/POLYESTER-100%
MAX. PULLING TENSION: 55 LBS.
MIN. BEND RADIUS: 3.00"
NOM. O.D.: .289"
NOM. WEIGHT/1000 FT.: 41.2 LBS.
APPLICABLE SPECIFICATIONS: UL TYPE CM OR AWM
2464, CSA TYPE PCC
OR AWM I/A
FLAME RESISTANCE: UL1581 VERTICAL TRAY
CSA FT4

IV. COLOR CODE:

Table with 2 columns: PAIR NO. and COLOR COMBINATION. Rows 1-5: 1 BLACK AND RED, 2 BLACK AND WHITE, 3 BLACK AND GREEN, 4 BLACK AND BLUE, 5 BLACK AND YELLOW

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