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Belden Wire & Cable Company

Product Code

Technical

YR45119

Data Sheet

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08-22-05 REV. 3

YR45119

I. DESCRIPTION

ONE FOIL SHIELDED PAIR OF #22 (7X30) AWG BARE COPPER,
 POLYETHYLENE INSULATED SINGLES, PLUS TWO UNSHIELDED
 SINGLES OF #18 (7X26) AWG BARE COPPER WITH PVC
 INSULATION, OVERALL PVC JACKET

ii. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE:

300 V RMS

MAX. CONTINUOUS CURRENT:

4.4 AMPS

22 AWG

12.2 AMPS

18 AWG

NOM. CONDUCTOR OF DC RESISTANCE

@ 20 DEG. C:

22 AWG

15.4 OHMS/1000 FT.

18 AWG

6.3 OHMS/1000 FT.

NOM. SHIELD DC RESISTANCE:

@ 20 DEG. C

14.4 OHMS/1000 FT.

NOM. CAPACITANCE BETWEEN CONDRS.

OF SHIELDED PAIR @ 1 KHZ:

19 PF/FT.

NOM. CAPACITANCE CONDUCTOR TO

SHIELD @ 1 KHZ WITH OTHER

CONDUCTOR CONNECTED TO SHIELD:

34 PF/FT.

iii. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING:

-20 TO +75 DEG.C

INSULATION MATERIAL:

POLYETHYLENE (#22)

JACKET MATERIAL (COLOR):

PVC (#18)

PVC (BLUE WITH WHITE

PRINT/STRIPE)

TYPE SHIELD AND % COVERAGE:

POLYESTER/ALUMINUM

TAPE - 100%

TWISTED PAIR LAY LENGTH:

2" (6 TWISTS/FT.)

MAX. PULLING TENSION:

63 LBS.

MIN. BEND RADIUS:

3.25"

NOM. WEIGHT/1000 FT.:

57 LBS.

NOMINAL DIAMETER:

.335"

APPLICABLE SPECIFICATIONS:

UL TYPE CL3, C(UL)

AWM II,A 300V 75C FT1

FLAME RESISTANCE:

UL 1581 VERTICAL TRAY

iv. COLOR CODE:

BLACK (#18)

RED (#18)

PURPLE & WHITE (#22 SHIELDED PAIR)

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End of Data for Product YR45119

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