

Technical Data Sheet

10/25/11 REV. 1

YR58684

Τ. DESCRIPTION:

22 AWG (7X#30) TINNED COPPER CONDUCTORS. ONE INDIVIDUALLY BELDFOIL® SHIELDED PAIR OF FOAMED FEP INSULATED SINGLES CABLED WITH A SOLID FEP INSULATED SINGLE AND A 22 AWG (7X#30) TINNED COPPER DRAIN WIRE, OVERALL TINNED COPPER BRAID SHIELD AND FEP JACKET.

II. ELECTRICAL CHARACTERISTICS:

300 V RMS MAX. OPERATING VOLTAGE:

MAX. CONTINUOUS CURRENT PER

CONDUCTOR @ 25 DEG. C: 2.7 A

NOM. CAPACITANCE BETWEEN

CONDUCTORS @ 1 KHZ: 11.0 PF/FT.

NOM. CAPACITANCE CONDUCTOR TO

SHIELD @ 1 KHZ*: 20.9 PF/FT. NOM. IMPEDANCE @ 1MHZ: 120 OHMS

NOM. CONDUCTOR DC RESISTANCE

@ 20 DEG. C: 17.5 OHMS/1000 FT

NOM. SHIELD DC RESISTANCE

@ 20 DEG. C: 2.8 OHMS/1000 FT.

NOM. VELOCITY OF PROPAGATION: 78%

NOM. ATTENUATION @ 1 MHZ.: .5 DB/100 FT. *ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD

III. PHYSICAL CHARACTERISTICS:

-70 TO +125 DEG.C TEMPERATURE RATING:

FOAMED FEP INSULATION MATERIAL (PAIR):

(SINGLE CONDUCTOR):

TYPE SHIELD AND % COVERAGE: ALUMINUM/POLYESTER TAPE (100%) &

TINNED COPPER BRAID (65%)

JACKET MATERIAL (COLOR): FEP (BLACK)

SUNLIGHT RESISTANCE: PASSES UL1581, 720 HOURS

NOM. DIAMETER: .244" 2.5" MIN. BEND RADIUS:

NOM. WEIGHT: 36 LBS/1000 FT.

MAX. PULLING TENSION: 65 LBS. APPLICABLE SPECIFICATIONS: UL CL3

MEETS FT-1 FLAME TEST

IV. COLOR CODE:

TWISTED PAIR: BLUE & WHITE SEPARATE CONDUCTOR: BLACK

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