

10/25/11 REV. 1

YR58684

I. 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:

MAX. OPERATING VOLTAGE: 300 V RMS
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:

TEMPERATURE RATING: -70 TO +125 DEG.C
INSULATION MATERIAL (PAIR): FOAMED FEP
(SINGLE CONDUCTOR): FEP
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"
MIN. BEND RADIUS: 2.5"
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