

07-16-08 REV. 0

YM16254

I. DESCRIPTION

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22 AWG (7X30) TINNED COPPER, POLYPROPYLENE INSULATED,  
TWISTED PAIR, OVERALL FOIL TAPE SHIELD, 22 AWG (7X30)  
TINNED COPPER DRAIN WIRE, PVC JACKET.

II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE: 300 V RMS  
MAX. CONTINUOUS CURRENT PER  
CONDUCTOR @ 25 DEG. C: 2.9 AMPS  
NOM. CAPACITANCE BETWEEN  
CONDUCTORS OF PAIR @ 1 KHZ: 34 PF/FT.  
NOM. CAPACITANCE CONDUCTOR  
TO SHIELD @ 1 KHZ\*: 67 PF/FT.  
NOM. INDUCTANCE OF PAIRS: .16 MICRO-H/FT.  
NOM. CONDUCTOR DC RESISTANCE  
@20 DEG. C: 14.5 OHMS/1000 FT.  
NOM. SHIELD DC RESISTANCE  
@ 20 DEG. C: 14.1 OHMS/1000 FT.  
NOM. IMPEDANCE: 45 OHMS  
\*ONE CONDUCTOR TO OTHER CONDUCTORS AND SHIELD

III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING: -20 TO +75 DEG.C  
INSULATION MATERIAL: POLYPROPYLENE  
TWISTED PAIR LAY LENGTH: 1.75" (6.86 TWISTS/FT)  
TYPE SHIELD AND % COVERAGE: ALUM/POLYESTER; 100%  
JACKET MATERIAL (COLOR): PVC (BLACK OR GRAY)  
NOMINAL DIAMETER: .138"  
MIN. BEND RADIUS: 1.4"  
NOM. WEIGHT/1000 FT.: 14.1 LBS  
MAXIMUM PULLING TENSION: 27 LBS  
APPLICABLE SPECIFICATION: UL: CMR  
C(UL): CMG  
FLAME RESISTANCE: UL: UL1666 RISER  
CSA: FT4

IV. COLOR CODE:

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GREEN AND WHITE