

Technical Data Sheet

07-16-08 REV. 0

YM16254

I. DESCRIPTION

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:

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 CONDUCTO	ORS AND SHIELD

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING: INSULATION MATERIAL: TWISTED PAIR LAY LENGTH: TYPE SHIELD AND % COVERAGE: JACKET MATERIAL (COLOR): NOMINAL DIAMETER: MIN. BEND RADIUS: NOM. WEIGHT/1000 FT.: MAXIMUM PULLING TENSION: APPLICABLE SPECIFICATION:

FLAME RESISTANCE:

-20 TO +75 DEG.C POLYPROPYLENE 1.75" (6.86 TWISTS/FT ALUM/POLYESTER; 100% PVC (BLACK OR GRAY) .138" 1.4" 14.1 LBS 27 LBS UL: CMR C(UL): CMG UL: UL1666 RISER CSA: FT4

IV. COLOR CODE:

GREEN AND WHITE

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