

Technical
Data Sheet
05/11/205
Rev. 1

YM48645

I. DESCRIPTION:

18 AWG (16X#30) TINNED COPPER POLYETHYLENE INSULATED CONDUCTORS, TWO SINGLES TWISTED WITH AN OVERALL BELDFOIL(R) SHIELD TAPE PLUS 20 AWG (7X#28) TINNED COPPER DRAIN WIRE, PVC JACKET

II. ELECTRICAL CHARACTERISTICS:

MAX. OPERATING VOLTAGE 300 V RMS

MAX. CONTINUOUS CURRENT PER

CONDUCTOR @ 25 DEG. C 5.2 A

NOM. CAPACITANCE BETWEEN

CONDUCTOR @ 1 KHZ 29.8 PF/FT

NOM. CAPACITANCE CONDUCTOR

TO SHIELD @ 1 KHZ* 44 PF/FT

NOM. INDUCTANCE OF PAIR .18 MICRO-H/FT.

NOM. CONDR. DC RESISTANCE

@ 20 DEG. C 6.5 OHMS/1000 FT.
NOMINAL IMPEDANCE: 57 OHMS

*ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD

III. PHYSICAL CHARACTERISTICS:

TEMPERATURE RATING -20 TO +60 DEG.C INSULATION MATERIAL POLYETHYLENE JACKET MATERIAL (COLOR) PVC (CHROME)

TYPE SHIELD AND % COVERAGE ALUMINUM/POLYESTER

TAPE; 100%

TWISTED PAIR LAY LENGTH 2.5" (4.8 TWIST/FT)
NOM. DIAMETER .222"
MIN. BEND RADIUS 2.25"
NOM. WEIGHT/1000 FT. 26.6 LBS.

MAXIMUM PULLING TENSION 62 LBS
APPLICABLE SPECIFICATIONS UL TYPE CM, AWM 2092

CEC C(UL) CM ROHS COMPLIANT

FLAME RESISTANCE: UL1685 VERTICAL TRAY

COLOR CODE GREEN & VIOLET

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