

02/01/18 REV. 0

Y65383

I. DESCRIPTION:

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20 AWG (8X#30,2X#29) TINNED COPPER TPE INSULATED CONDUCTORS,  
ONE FOIL TAPE SHIELDED TRIAD INCLUDING A 20 AWG (8X#30,2X#29)  
TINNED COPPER DRAIN WIRE CABLED WITH THIRTEEN MORE SINGLES,  
POLYESTER TAPE WRAP, OVERALL TINNED COPPER BRAID WITH 20 AWG  
(8X#30,2X#29) TINNED COPPER DRAIN WIRE, OUTER PVC JACKET

II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE: 300 V RMS  
MAX. CONTINUOUS CURRENT PER  
CONDUCTOR @ 25 DEG. C: 3 A (35C TEMP. RISE)  
NOM. D.C. RESISTANCE OF  
CONDUCTOR @ 25 C: 9.25 OHMS/1000 FT.  
NOM. D.C. RESISTANCE OF  
SHIELD @ 25 C:  
(TRIAD) 7.75 OHMS/1000 FT.  
(OVERALL) 1.5 OHMS/1000 FT.

III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING: -40 TO +90 DEG.C  
INSULATION MATERIAL: TPE  
FILLER MATERIAL: POLYPROPYLENE  
CORE WRAP: POLYESTER TAPE  
TYPE SHIELDS AND % COVERAGE: ALUMINUM/POLYESTER TAPE (100%),  
TINNED COPPER BRAID (90%)  
SEPARATOR: PAPER TAPE  
JACKET MATERIAL (COLOR): PVC (BLACK)  
OVERALL DIAMETER: .473" +/- .010"  
MIN. BEND RADIUS: 4-3/4"  
NOM. WEIGHT: 152 LBS./1000 FT.  
MAXIMUM PULLING TENSION: 295 LBS  
APPLICABLE SPECIFICATIONS: ROHS COMPLIANT

IV. COLOR CODE:

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TRIAD: BLACK, RED, WHITE  
SINGLES: GREEN, BROWN, BLUE, ORANGE, YELLOW, PURPLE, GRAY,  
PINK, TAN, WHITE/BLACK, WHITE/RED, WHITE/GREEN,  
WHITE/ORANGE