

2/25/2020 REV. 0

BELDEN Y65347

I. DESCRIPTION:

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18 AWG (16X#30) TINNED COPPER TPE INSULATED CONDUCTORS,  
ONE FOIL TAPE SHIELDED GROUP OF SEVEN SINGLES INCLUDING 18 AWG  
(19X#30) TINNED COPPER DRAIN WIRE CABLED WITH TWENTY-FIVE MORE  
SINGLES, POLYESTER TAPE WRAP, OVERALL TINNED COPPER BRAID WITH  
18 AWG (19X#30) 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: 4 A (35C TEMP. RISE)  
NOM. D.C. RESISTANCE OF  
CONDUCTOR @ 25 C: 6.0 OHMS/1000 FT.  
NOM. D.C. RESISTANCE OF  
SHIELD @ 25 C:  
(7 CDR. GROUP) 5.0 OHMS/1000 FT.  
(OVERALL) 0.75 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 (85%)  
SEPARATOR: PAPER TAPE  
JACKET MATERIAL (COLOR): PVC (BLACK)  
OVERALL DIAMETER: .713" +/- .012"  
MIN. BEND RADIUS: 7-1/8"  
NOM. WEIGHT: 350 LBS./1000 FT.  
MAXIMUM PULLING TENSION: 855 LBS  
APPLICABLE SPECIFICATIONS: ROHS COMPLIANT

IV. COLOR CODE:

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SEVEN CONDUCTOR SHIELDED GROUP: BLACK, RED, WHITE, GREEN, BROWN,  
BLUE, ORANGE  
OTHER SINGLES: YELLOW, PURPLE, GRAY, PINK, TAN, WHITE/BLACK,  
WHITE/RED, WHITE/GREEN, WHITE/ORANGE, WHITE/BLUE,

WHITE/BROWN, WHITE/YELLOW, WHITE/PURPLE,  
WHITE/GRAY, BLACK/RED, BLACK/GREEN, BLACK/YELLOW,  
BLACK/BLUE, BLACK/BROWN, BLACK/ORANGE, BLACK/GRAY,  
BLACK/PURPLE, RED/GREEN, RED/YELLOW, RED/BLUE