

## Technical Data Sheet

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,

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# Technical Data Sheet

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

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