

1/2/14 REV.1

I. DESCRIPTION SS2704

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COMPOSITE CABLE:

ELEMENT 1: 24 AWG (19/36) TINNED COPPER, FEP INSULED SINGLE  
ELEMENT 2: 28 AWG (19X40) TINNED COPPER, FEP INSULATED PAIR  
ELEMENT 3: 28 AWG (19X40) TINNED COPPER, FEP INSULED SINGLE  
OVERALL: TWO OF ELEMENT 1 ARE CABLED WITH TWO OF ELEMENT 2 AND  
ONE OF ELEMENT 3, OVERALL POLYURETHANE JACKET

II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE: 300 V RMS  
NOM. CONDUCTOR DC RESISTANCE  
@ 20 DEG. C: (24 AWG) 28.1 OHMS/1000 FT  
NOM. CONDUCTOR DC RESISTANCE  
@ 20 DEG. C: (28 AWG) 71.4 OHMS/1000 FT

III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING: -20 TO 90 C  
INSULATION MATERIAL: (24 AWG) FEP, .006" NOMINAL WALL  
INSULATION MATERIAL: (28 AWG) FEP, .010" NOMINAL WALL  
JACKET MATERIAL: PU, .015" NOMINAL WALL  
NOM. DIAMETER: .175"  
MIN. BEND RADIUS: 1.75"  
MAX. PULLING TENSION: 34 LBS.  
COLOR CODE:  
ELEMENT 1: BLACK, RED  
ELEMENT 2: ORANGE&YELLOW, BLUE&GREEN  
ELEMENT 3: BROWN

IV. OTHER:

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T.D.WILLIAMSON INC. PART#: 203219 REV. A