

# DATA SHEET

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Bently Nevada #: 181952 Rev:A

BN Part Description: CBL MC 3 NON CU PV FD ASCUT 6 TWP ^

Engineer: Darren Evans

Part Manufacturer: Belden

Manufacturer Part: YM52992

Part Material: 18 AWG Bare Copper, PVC Insulation, Three Conductor Overall Beldfoil ® Shielded with 20 AWG Stranded Tinned Copper Drain Wire, PVC Jacket

Color: Black, Red, White, Blue Jacket

Additional information:

## I. DESCRIPTION:

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18 AWG (7X26) BARE COPPER, PVC INSULATION, THREE  
CONDUCTOR, OVERALL BELDFOIL(R) SHIELDED WITH 20 AWG  
STRANDED TINNED COPPER DRAIN WIRE, PVC JACKET.

## II. ELECTRICAL CHARACTERISTICS:

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MAX. OPERATING VOLTAGE 300 V RMS  
MAX. CONTINUOUS CURRENT PER  
CONDUCTOR @ 25 DEG. C 5 A  
NOM. CAPACITANCE BETWEEN  
CONDUCTOR @ 1 KHZ 62 PF/FT  
NOM. CAPACITANCE CONDUCTOR  
TO SHIELD @ 1 KHZ\* 112 PF/FT  
NOM. CONDR. DC RESISTANCE  
@ 20 DEG. C 6.5 OHMS/1000 FT.  
NOM. SHIELD DC RESISTANCE  
@ 20 DEG. C: 7.2 OHMS/1000 FT.  
\*ONE CONDUCTOR TO OTHER CONDUCTOR AND SHIELD

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## III. PHYSICAL CHARACTERISTICS:

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TEMPERATURE RATING	-20 TO +75 DEG.C
INSULATION MATERIAL	PVC
JACKET MATERIAL (COLOR)	PVC (BLUE)
TYPE SHIELD AND % COVERAGE	ALUM/POLYESTER 100%
OVERALL LAY LENGTH	2.875" (4.2 TWISTS/FT)
MAXIMUM PULLING TENSION	81.2 LBS.
MIN. BEND RADIUS	1.75"
NOM. WEIGHT/1000 FT.	27.7 LBS.
APPLICABLE SPECIFICATIONS	UL TYPE CMR CSA C(UL) CMR CE MARK
COLOR CODE	BLACK, RED, WHITE
NOM. DIAMETER	.175"
FLAME RESISTANCE:	UL1666 VERTICAL SHAFT

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