

DATA SHEET

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Bently Nevada #: 181951 Rev: A

BN Part Description: CBL MC 3 NON CU PV FD ASCUT 8 TWP ^

Engineer: Darren Evans

Part Manufacturer: Belden

Manufacturer Part: YM52991

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, Gray Jacket

Additional information:

I. DESCRIPTION:

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:

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:

TEMPERATURE RATING	-20 TO +75 DEG.C
INSULATION MATERIAL	PVC
JACKET MATERIAL (COLOR)	PVC (GRAY)
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
