

DATA SHEET

Bently Nevada #: 181953 Rev:A

BN Part Description: CBL MC 2 NON CU PV FD ASCUT 8 TWP ^

Engineer: Darren Evans

Part Manufacturer: Belden

Manufacturer Part: YM52993

Part Material: 18 AWG bare copper, PVC insulation, two singles twisted, Beldfoil® Shielded with 20 AWG stranded tinned copper drain wire, PVC jacket with rip cord, sequential numbering every two feet

Color: Black, White, Jacket Gray

Additional information:

I. DESCRIPTION:

18 AWG (7X26) BARE COPPER, PVC INSULATION, TWO SINGLES TWISTED, BELDFOIL(R) SHIELDED, 20 AWG STRANDED TINNED COPPER DRAIN WIRE, PVC JACKET WITH RIP CORD. SEQUENTIAL NUMBERING EVERY TWO FEET.

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: 65 PF/FT
NOM. CAPACITANCE CONDUCTOR TO SHIELD @ 1 KHZ:* 117 PF/FT
NOM. INDUCTANCE OF PAIR: .16 MICRO-H/FT.
NOM. CONDR. DC RESISTANCE @ 20 DEG. C: 6.5 OHMS/1000 FT.
NOM. SHIELD DC RESISTANCE @ 20 DEG. C: 7.6 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%
TWISTED PAIR LAY LENGTH:	2.75"
MAXIMUM PULLING TENSION:	57.5 LBS.
MIN. BEND RADIUS:	1.6"
NOM. WEIGHT/1000 FT.:	20.9 LBS.
APPLICABLE SPECIFICATIONS:	UL TYPE CMR C(UL) TYPE CMG CE MARK
COLOR CODE:	BLACK & WHITE
NOM. DIAMETER:	.165"
FLAME RESISTANCE:	UL1666 VERTICAL SHAFT CSA FT4