



MATERIALS:

- 1.CABLE: UL2464 28AWG*9C+EA
 COLOR: BEIGE O.D=0.197"
 MARKING: BLACK BOX CORPORATION GUARANTEED FOR LIFE (724) 746-5500 ---
 RS232 SERIAL CABLE ---AWM E223178 STYLE 2464 VW-1 80°C 300V

- 2.CONNECTOR: DB9M INSULATOR BLUE NICKEL PLATED SHELL
- 3.CONNECTOR: DB9F INSULATOR BLUE NICKEL PLATED SHELL
- 4.MOLDING PVC: COLOR: BEIGE
- 5.THUMBSCREW: #4-40UNC COLOR: BEIGE
- 6.LABEL: BLACK BOX P/N LABEL
- 7.HEXAGON-NUT: #4-40UNC
- 8.LABEL: YEAR MONTH LABEL

ELECTRONIC TEST:

- A.OPEN/SHORT/INTERMITTENCE: 100%.
- B.HI-POT: 300V DC/sec
- C.INSULATION RESISTANCE: 10M OHM (MIN)
- D.CONDUCTIVE RESISTANCE: 0<L<10FT 2 ohm (MAX)
 10FT<L<15FT 3 ohm (MAX)
 15FT<L<30FT 4 ohm (MAX)
 30FT<L<100FT 6 ohm (MAX)
 L>100FT 10 ohm (MAX)

BBOX P/N:	LENGTH
BC00200	72"+2.95"/-0
BC00230	120"+5.9"/-0
BC00231	180"+5.9"/-0
BC00232	240"+5.9"/-0
BC00233	300"+5.9"/-0

PIN OUT

CN1		CN2
1	BLACK	1
2	RED	2
3	BROWN	3
4	ORANGE	4
5	YELLOW	5
6	GREEN	6
7	BLUE	7
8	VIOLET	8
9	GRAY	9
SHEEL		SHEEL

BLACK BOX			
Tolerance: X. ± .X ± .XX ± .XXX ± Angle: X° ± .X° ±	Approved by:		BLACK BOX P/N: BC002**
	Checked by:		
Date: 11.07.31	Drawn by: Jun		Description: DB9 M TO DB9 F
	Scale:	Unit: inch	DWG. NO: RFS-92081519
SHEET: 1 OF 1		REV: 00	

REV	ECN NO	DESCRIPTION	APPD.	DATE