



MATERIALS LIST:

1. CABLE: UL20276 1354(S)30AWG3C+30AWG*8C+AEB(AL) 85%
 OD: 0.256" COLOR: BEIGE
 MARKING: BLACK BOX CORPORATION GUARANTEED FOR LIFE (724)
 746-5500 E223178 AWM STYLE 20276 80°C 30V VW-1
2. CONNECTOR: HDD15P MALE EMPTY 9 INSULATOR BLUE
 SHELL NICKEL PLATED
3. CONNECTOR: HDD15P FEMALE INSULATOR BLUE
 SHELL NICKEL PLATED
4. THUMBSCREW: #4-40UNC COLOR: BEIGE
5. MOLDING PVC COLOR: BEIGE
6. LABEL: BLACK BOX P/N LABEL
7. LABEL: BLACK BOX "DDC" LABEL
8. THUMBSCREW NUT: #4-40UNC SHELL NICKEL PLATED
9. LABEL: YEAR MONTH LABEL
10. NOT RECOMMENDED USING ANY CABLE EXTENSIONS. VIDEO MAY APPEAR DIM OR NOT AT ALL.

PIN OUT

P2		P1		P3	
1	RED COAX	1	RED COAX	1	RED COAX
6	RED GND	6	RED GND	6	RED GND
2	GREEN COAX	2	GREEN COAX	2	GREEN COAX
7	GREEN GND	7	GREEN GND	7	GREEN GND
3	BLUE COAX	3	BLUE COAX	3	BLUE COAX
8	BLUE GND	8	BLUE GND	8	BLUE GND
4	BLACK	4	BLACK	4	BLACK
5	BROWN	5	BROWN	5	BROWN
10	RED	10	RED	10	RED
11	ORANGE	11	ORANGE	11	ORANGE
12	YELLOW	12	YELLOW	12	YELLOW
13	GREEN	13	GREEN	13	GREEN
14	GRAY	14	GRAY	14	GRAY
15	WHITE	15	WHITE	15	WHITE
SHELL	DRAIND WIRE	SHELL	DRAIND WIRE	SHELL	DRAIND WIRE

ELECTRONIC TEST:

- A. OPEN/SHORT/INTERMITTENCE: 100%
- B. HI-POT: 300V DC/sec
- C. INSULATION RESISTANCE: 20M 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)

ELECTRONIC TEST:

- A. OPEN/SHORT/INTERMITTENCE: 100%
- B. HI-POT: 300V AC/sec, 300V DC/sec
- C. INSULATION RESISTANCE: 20M OHM (MIN)
- D. CONDUCTIVE RESISTANCE: 2 OHM (MAX)

E. CPK Measure point Y1-Y4.

ECN NO	DESCRIPTION	Drawn

BLACK BOX			
Tolerance:	Approved by:		
X. ±			
.X ±	Checked by:	BBOX P/N:	
.XX ±		EVN21VGA	
.XXX ±	Drawn by:	Description:	
Angle:	Jun	VGA Splitter Cable	
X* ±	Date:	DWG. NO:	
.X* ±	11.08.03		
	Scale:	Unit: inch	SHEET: 1 OF 4 REV: 01