



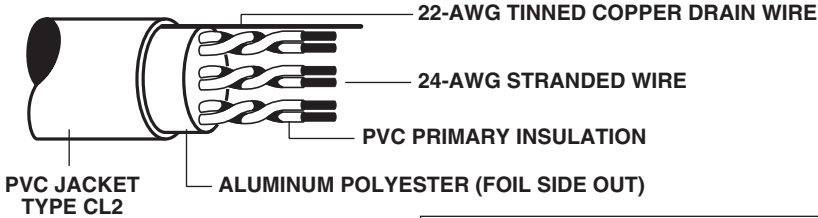
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1000 Park Drive • Lawrence, PA 15055-1018 • 724-746-5500 • Fax 724-746-0746



# Extended Distance Data Cables (EDDC)



**Specifications:**

**Resistance** – Less than 25 ohms/1000 ft. @ 20°C  
**Capacitance (Mutual)** – 30 pf ± 2 pf/ft, @ 1 KHz  
**Impedance (Nominal)** – 65 ohms @ 1 Mhz or above  
**Velocity Propagation** – 54%  
**Temperature Rating** – 75°C minimum  
**Recommended Operating Voltage** – 30V maximum

**50 CONDUCTOR CABLE**  
EDN50A

○ = PAIRED WIRES

- |                           |                            |                            |
|---------------------------|----------------------------|----------------------------|
| 1-----○-----WHITE/BLACK   | 10-----○-----YELLOW/BROWN  | 36-----○-----GREEN/BLUE    |
| 18-----○-----BLACK/WHITE  | 27-----○-----BROWN/YELLOW  | 37-----○-----BLUE/GREEN    |
| 2-----○-----WHITE/BROWN   | 11-----○-----YELLOW/RED    | 38-----○-----ORANGE/BLACK  |
| 19-----○-----BROWN/WHITE  | 28-----○-----RED/YELLOW    | 39-----○-----BLACK/ORANGE  |
| 3-----○-----WHITE/RED     | 12-----○-----YELLOW/ORANGE | 40-----○-----ORANGE/BROWN  |
| 20-----○-----RED/WHITE    | 29-----○-----ORANGE/YELLOW | 41-----○-----BROWN/ORANGE  |
| 4-----○-----WHITE/ORANGE  | 13-----○-----YELLOW/GREEN  | 42-----○-----ORANGE/BLUE   |
| 21-----○-----ORANGE/WHITE | 30-----○-----GREEN/YELLOW  | 43-----○-----BLUE/ORANGE   |
| 5-----○-----WHITE/YELLOW  | 14-----○-----YELLOW/BLUE   | 44-----○-----ORANGE/VIOLET |
| 22-----○-----YELLOW/WHITE | 31-----○-----BLUE/YELLOW   | 45-----○-----VIOLET/ORANGE |
| 6-----○-----WHITE/GREEN   | 15-----○-----YELLOW/VIOLET | 46-----○-----BLUE/BLACK    |
| 23-----○-----GREEN/WHITE  | 32-----○-----VIOLET/YELLOW | 47-----○-----BLACK/BLUE    |
| 7-----○-----WHITE/BLUE    | 16-----○-----GREEN/BLACK   | 48-----○-----BLUE/RED      |
| 24-----○-----BLUE/WHITE   | 33-----○-----BLACK/GREEN   | 49-----○-----RED/BLUE      |
| 8-----○-----WHITE/VIOLET  | 17-----○-----GREEN/RED     |                            |
| 25-----○-----VIOLET/WHITE | 50-----○-----RED/GREEN     |                            |
| 9-----○-----YELLOW/BLACK  | 34-----○-----GREEN/ORANGE  |                            |
| 26-----○-----BLACK/YELLOW | 35-----○-----ORANGE/GREEN  |                            |

**CUSTOMER  
SUPPORT  
INFORMATION**

Order toll-free in the U.S. 24 hours, 7 A.M. Monday to midnight Friday: 877-877-BBOX  
 FREE technical support, 24 hours a day, 7 days a week: Call 724-746-5500 or fax 724-746-0746  
 Mail order: Black Box Corporation, 1000 Park Drive, Lawrence, PA 15055-1018  
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