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## DMX512 Lighting Control Cable



The Gepco DLC224 lighting control cable is a true DMX cable with an exceptionally durable and flexible construction. The DLC224 meets the USITT standards for DMX512 cable specifications - 120S impedance, low capacitance, and double (foil and braid) shield. Unlike conventional cables that are not intended for data transmission, the DLC224 offers reliable data transfer through its dataspecific design. In addition, DLC224 features an all-weather, extra-flexible TPE jacket that is tough, abrasion-resistant, and remains flexible in hot or cold temperature environments.

### FEATURES & BENEFITS

- True DMX512 Construction
- Two Low-capacitance Data Pairs
- Double Shield (Foil & Braid)
- Drain Wire for Easy Shield Termination
- Color-coded Conductors for Easy Identification
- Meets or Exceeds USITT Standards
- Durable, Flexible, All-weather Jacket

### APPLICATIONS

- DMX512 Lighting Control
- Remote or Permanent Installation

### Mechanical Specifications

| Part # | # of Cond. | Nominal OD | Conductors                | Insulation (type, wall thick)/ Color Code  | Shield                 | Drain Wire                | Jacket                          | Approx. Weight |
|--------|------------|------------|---------------------------|--|------------------------|---------------------------|---------------------------------|----------------|
| DLC224 | 4          | .270"      | 24 AWG (7x32) Stranded TC | Foam PE, .020" / White & Black, Red & Blue | 100 Foil, 95% TC Braid | 24 AWG (7x32) Stranded TC | Flexible All-weather TPE, Black | 44 lbs/Mft     |

### Electrical Specifications

#### Capacitance

12 pF/ft between conductors,  
21.6pF/ft between one conductor and other tied to shield

#### Charateristic Impedance

120 Ω

#### Cond. DCR

23.8 Ω/Mft

#### Shield & Drain DCR

3.0 Ω/Mft

#### Recommended Pinout for 5-pin XLR:

- Pin 1 - Shield
- Pin 2 - Black
- Pin 3 - Red
- Pin 4 - Blue
- Pin 5 - White

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