

DMX512 Lighting Control Cable

Features & Benefits

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

Applications

- DMX512 Lighting Control
- Remote or Permanent Installation

The Gepco DLC224 lighting control cable is a true DMX cable with an exceptionally durable and flexible construction. The DLC224 meets the USITT standard for DMX512 cable specifications - 120Ω 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 data-specific 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.



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, 90% TC Braid	24 AWG (7x32) Stranded TC	Flexible All-weather TPE, Black	44 lbs/Mft

Electrical Specifications

Capacitance	Characteristic Impedance	Cond. DCR	Shield & Drain DCR
12 pF/ft between conductors, 21.6 pF/ft between one conductor and other tied to shield	120 Ω	23.8 Ω/Mft	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