

## FEATURES & BENEFITS

- True DMX512 Construction (DLC224 & DLC222)
- 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 (DLC224 & DLC222)
- One- or Two-Pair Designs Available
- Durable, Flexible, All-Weather Jacket

## APPLICATIONS

- DMX512 Lighting Control
- For Portable Use or Remote Environments

The Gepco® Brand DLC series lighting control cable is a true DMX cable with an exceptionally durable and flexible construction. The DLC224 and DLC222 meets the USITT standards for DMX512 cable specifications—120 Ω impedance, low capacitance, and double (foil and braid) shield. Unlike conventional cables that are not intended for data transmission, the DLC series offers reliable data transfer through its data-specific design. In addition, the DLC series features all-weather, extra-flexible jacket materials that are tough, abrasion-resistant and remain flexible in hot or cold temperature environments.



## Mechanical Specifications

Part #	# of Cond.	Nominal OD	Conductors	Insulation/Color Code	Shield	Drain Wire	Jacket	Approx. Weight
<b>DLC122</b>	2	.245"	22 AWG (7x30) Stranded TC	Foam PE, .025" Wall/ Black & White	100% Foil, 90% TC Braid	22 AWG (7x30) Stranded TC	Flexible Durable PU, Black	33 lbs/Mft
<i>DMX Lighting Control Cable: 1 Pair</i>								
<b>DLC222</b>	4	.278"	22 AWG (7x30) Stranded TC	Foam PE, .025" Wall/ Black & White, Red & Blue	100% Foil, 90% TC Braid	22 AWG (7x30) Stranded TC	Flexible Durable PU, Black	47 lbs/Mft
<i>DMX512 Lighting Control Cable: 2 Pair</i>								
<b>DLC124</b>	2	0.241"	24 AWG (7x32) Stranded TC	Foam PE, 0.020" Wall/ Black & White	100% Foil, 90% TC Braid	24 AWG (7x32) Stranded TC	Flexible All-Weather TPE, Black	33 lbs/Mft
<i>DMX Lighting Control Cable: 1 Pair</i>								
<b>DLC224</b>	4	0.270"	24 AWG (7x32) Stranded TC	Foam PE, 0.020" Wall/ Black & White, Red & Blue	100% Foil, 90% TC Braid	24 AWG (7x32) Stranded TC	Flexible All-Weather TPE, Black	44 lbs/Mft
<i>DMX512 Lighting Control Cable: 2 Pair</i>								

## Electrical Specifications

Part #	Capacitance	Characteristic Impedance	Cond. DCR	Shield & Drain DCR
DLC122	10.4 pF/ft Between Conductors 18.7 pF/ft Between One Conductor and Other Tied to Shield	120 Ω	14.7 Ω/Mft	3.2 Ω/Mft
DLC222	10.4 pF/ft Between Conductors 18.7 pF/ft Between One Conductor and Other Tied to Shield	120 Ω	14.7 Ω/Mft	2.5 Ω/Mft
DLC124	10.4 pF/ft Between Conductors, 18.7 pF/ft Between One Conductor and Other Tied to Shield	120 Ω	23.4 Ω/Mft	3.8 Ω/Mft
DLC224	10.4 pF/ft Between Conductors, 18.7 pF/ft Between One Conductor and Other Tied to Shield	120 Ω	23.4 Ω/Mft	2.9 Ω/Mft