

FEATURES & BENEFITS

Audio

- Precision 110 Ω Impedance
- Flexible
- Low-Density Polyethylene Insulation
- Stabilizing Polyethylene Rod

Power

- Specialized Electrical-Only Design
- Reduces Interference and EMI
- Shield Design with Tinned Copper Drain Wire

Overall

- Flexible, Durable Jacket
- AWM 2464

APPLICATIONS

- For Portable Use or Remote Environment
- Self-Amplified Speakers
- Audio + Power Snakes for Stage or FOH
- DMX Lighting Control
- AES3 Digital Audio
- Microphone or Line Level Balanced Analog Audio

Gepco® Brand Powered Speaker Cables combine audio and power, along with optional data, under one durable, yet flexible jacket. With multiple uses for businesses, DJs, lighting rigs and tours, these new cables provide a portable and neat solution that saves time and hassle. Each cable combines power with two, eight or 12 channels of 110 Ω balanced audio for line level, mic level or digital AES signals and can be used with self-powered speakers or in DMX lighting control. Additional configurations include two channels of Category 5e cable that can be used for data drops in remote power and audio applications. Snakes with optional data can also be used for digital audio transmission while running power to remote locations. Shielding around the power channels eliminates power noise from interrupting the audio/data signal, ensuring high-quality performance. Utilizing industry-standard connectors, Gepco® Brand cables are available in pre-defined and custom configurations.



Audio Mechanical Specifications

Conductor	Insulation (Type, Wall, Color)	Shield	Drain	Filler	Jacket (Type, OD)
24 AWG (7x32) Stranded TC	LDPE, .021", Black and White	100% Foil	22 AWG (7x30) Stranded TC	Polyethylene Rod	PVC, 0.184"

Power Mechanical Specifications

Conductor	Insulation (Type, Wall, Color)	Shield	Drain	Jacket (Type, OD)
14 AWG (41x30) Stranded BC	PVC, .016" and Nylon, 0.005" Black, White and Green	100% Foil	18 AWG (16x30) Stranded TC	PVC, 0.349"

Overall Mechanical Specifications

Master Jacket (Type, Wall, Color)	UL Type
Flexible PVC, 0.073", Black	AWM 2464

Individual Mechanical Specifications

Part #	# of Audio	Audio Color Code	# of Power	Power Color Code	OD	Weight
PA2	2 Pair	Red and White	1 x 3 Conductor	Black	0.645"	206 lbs/Mft
PA8	8 Pair	Base 10	1 x 3 Conductor	Black	0.907"	339 lbs/Mft
PA12	12 Pair	Base 10	1 x 3 Conductor	Black	1.006"	424 lbs/Mft

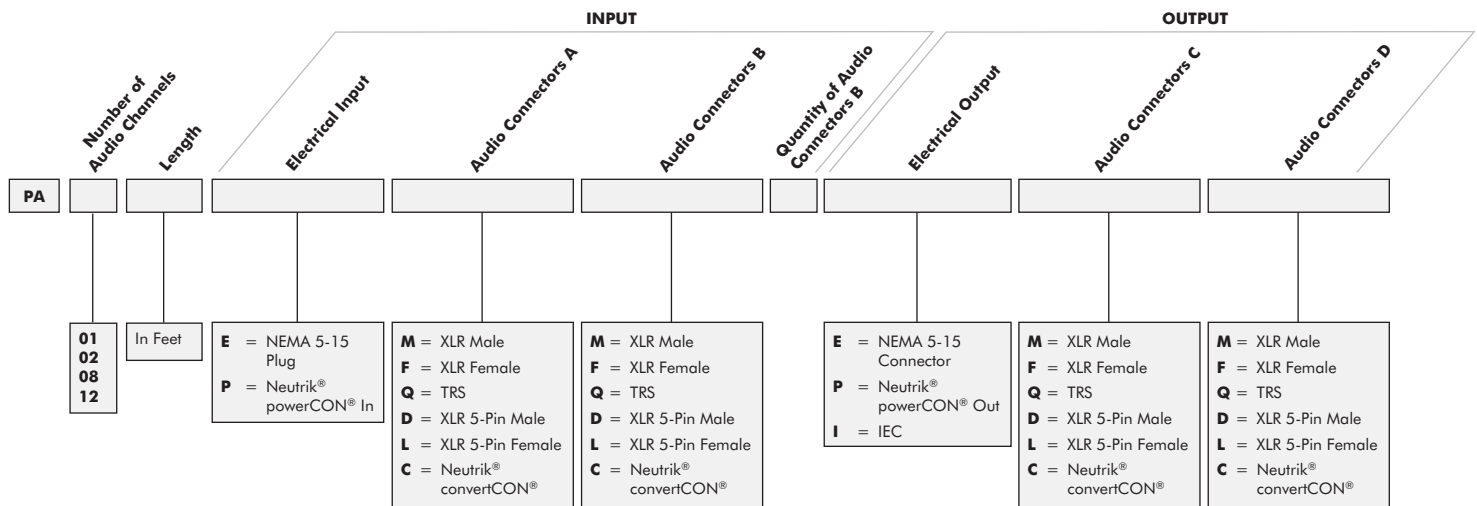
Audio Electrical Specifications

Capacitance	Impedance	Conductor DCR	Drain DCR
15 pF/ft between conductors, 27 pF/ft between one conductor and other tied to shield	110 Ω	25.6 Ω/Mft	15.3 Ω/Mft

Power Electrical Specifications

Capacitance	Conductor DCR	Drain DCR
51 pF/ft between conductors, 93 pF/ft between one conductor and other tied to shield	2.5 Ω/Mft	6.45 Ω/Mft





Example Part Numbers

PA0125EFIM (25 ft 1 channel of audio terminated. Input side: NEMA 5-15 Plug with 1 XLR Female. Output side: IEC with 1 XLR Male.)

PA0250EDL1PLD (50 ft 2 channels of audio terminated. Input side: NEMA 5-15 Plug with 1 XLR 5-pin Male and 1 XLR 5-pin Female. Output side: powerCON out with 1 XLR 5-pin Female and 1 XLR 5-pin Male.)

PA0875PMQ2PFQ (75 ft 8 channels of audio terminated. Input side: powerCON in with 6 XLR Male and 2 TRS. Output side: powerCON out with 6 XLR Female and 2 TRS.)

PA12100ECEC (100 ft 12 channels of audio terminated. Input side: NEMA 5-15 Plug with 12 convertCON. Output side: NEMA 5-15 Connector with 12 convertCON.)