

X-BAND

*Extended Bandwidth, Low Noise
Ultra-Flexible Analog Audio Cable*

The Gepco X-Band series of multi- and single-pair analog audio cables was created specifically for use in critical recording or sound reinforcement applications by providing sonic transparency and low noise in an ultra-flexible and ultra-flaccid construction. This functionality is achieved through unique materials and construction techniques that combine to minimize the high-frequency absorption of the insulation, lower resistance & crosstalk, increase the RF/EMI rejection, optimize the structural lay, and increase jacket flexibility.

Unlike other types of cable available for these applications, the X-Band series achieves flexibility and sonic benefits without compromising durability or installation time. X-Band remains both rugged and easy to terminate with its unique insulation, jacket and braid that are easy to score & strip or trim. Shield termination is further simplified by the inclusion of a quick terminating, tinned-copper drain wire. Individual pairs can be easily identified by alpha-numeric print and a color-coded stripe, yet remain neutral in appearance in high-visibility installations.

Together, these electrical and mechanical characteristics combine to make X-Band the premier analog audio cable for any critical audio application.



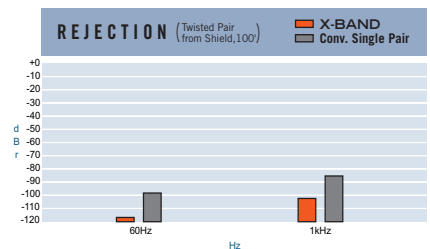
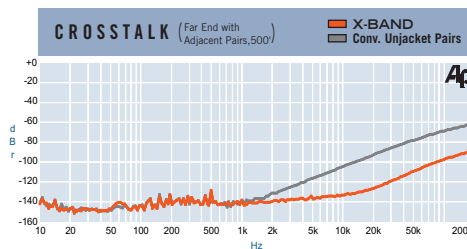
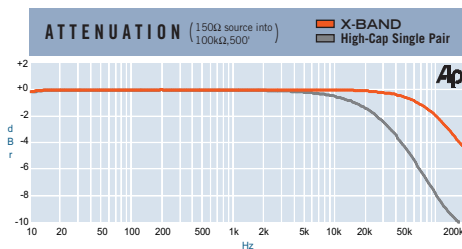
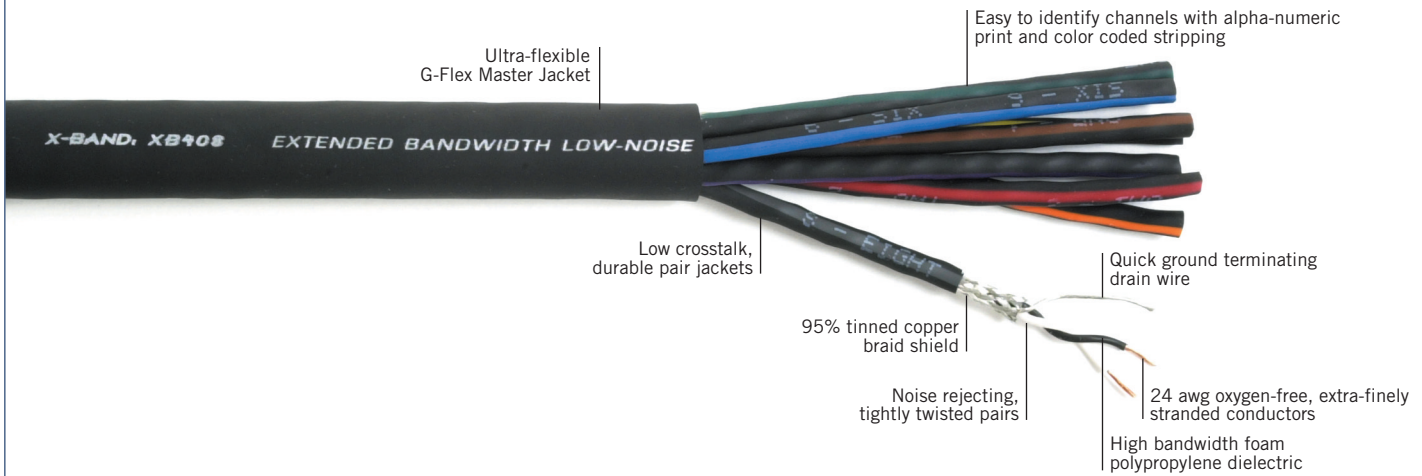
- CONDUCTORS** • Finely stranded 24awg copper • Oxygen-free • Tightly twisted for superior balancing and noise rejection
- DIELECTRIC/INSULATION** • Unique hard cell foam dielectric reduces high frequency absorption • Easy to cut and strip with minimal wick-back when soldering
- SHIELD** • 95% TC Copper Braid • Durable • Excellent RF & EMI rejection • Quick ground termination with drain wire and easy to trim braid
- JACKET** • New G-flex ultra-flexible jacket compound • Pairs on multi-pair are color stripped and printed for easy ID and attractive appearance



1770 Birchwood Avenue Des Plaines, IL 60018 USA | 800-966-0069 | 847-795-9555 | FAX 847-895-8770
www.gepco.com | gepco@gepco.com

X-BAND

SPECIFICATIONS



MULTI-PAIR

MECHANICAL SPECIFICATIONS (SERIES)

Conductors	Insulation (type, wall thick)/ Color Code	Pair Shield	Pair Drain	Pair Jacket (type, outer diameter)/ Color Code	Master Jacket
24 AWG (40x40) Stranded Oxygen-free Bare Copper	Foam Polypropylene, .012"/ One White, One Black	95% TC Braid	24 AWG (41x40) Stranded TC	Flexible Matte PVC .145"/ Black with Base 10 Resistor Color Coded Stripe and Alphanumeric Print Inverted Every Inch	Ultra-flexible G-Flex PVC, Black

MECHANICAL SPECIFICATIONS (INDIVIDUAL)

Part Number	# of Pairs	Nominal OD	Approx Weight
XB404	4	.490"	115 lbs/Mft
XB408	8	.580"	176 lbs/Mft
XB412	12	.738"	270 lbs/Mft
XB416	16	.785"	320 lbs/Mft

ELECTRICAL SPECIFICATIONS

Capacitance	Conductor DCR	Shield & Drain DCR
17.5 pF/ft between conductors, 31 pF/ft between one conductor and other tied to shield	27.5 ohm/Mft	6 ohm/Mft

SINGLE-PAIR

MECHANICAL SPECIFICATIONS

Part Number	# of Pairs	Nominal OD	Conductors	Insulation (type, wall thick)/ Color Code	Shield	Drain Wire	Jacket	Approx Weight
XB401	1	.145"	24 AWG (40x40) Stranded Oxygen-Free BC	Foam Polypropylene, .012"/ One White, One Black	95% TC Braid	24 AWG (41x40) Stranded TC	Flexible Matte PVC	15 lbs/Mft

ELECTRICAL SPECIFICATIONS

Capacitance	Conductor DCR	Shield & Drain DCR
17.5 pF/ft between conductors, 31 pF/ft between one conductor and other tied to shield	27.5 ohm/Mft	6 ohm/Mft