

PRODUCT BULLETIN

#14102

800 Series 110Ω AES/EBU 24AWG Multi-Pair Audio Cables



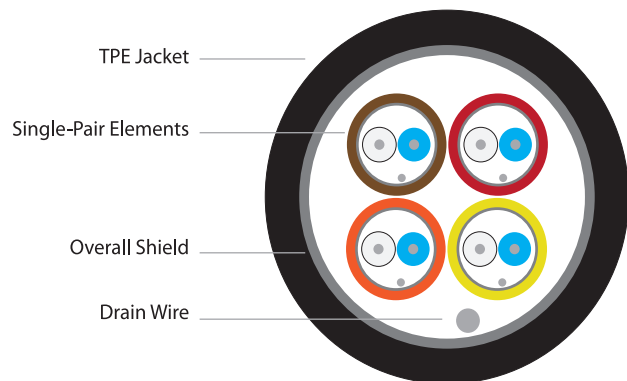
Extra-Flexible and UL Rated
 Easy-to-Strip and Terminate
 110Ω Characteristic Impedance
 Low-Loss 24AWG Conductors
 Color Coded Pair Jackets
 CMR Riser Rated

Part Number Overview

Part Number: **8xx** (see below for variations)
 Description: 110Ω AES/EBU 24 AWG Multi-Pair Audio Cables

Materials & Dimensions

CONDUCTORS	(2) 24AWG (7 x 32) Stranded TC (per pair)
INSULATION	Foam Polypropylene .023" wall, (one white, one blue)
SHIELD	100% Alum/Mylar Foil (Easy-Strip Bonded) w/ 24AWG (7 x 32) Stranded TC Drain Wire
PAIR JACKET	PVC, .182" O.D. Color Coded (see chart 1)
OVERALL SHIELD	100% Alum/Mylar Foil with 18AWG (16 x 30) Stranded TC Drain Wire
OVERALL JACKET	Black TPE (see below for individual cable O.D.)



Performance Characteristics

DC Resistance	Capacitance	Characteristic Impedance	Temperature Range	UL Listing
Conductor: 23.5 Ω/Mft Shield w/ Drain: 22.0 Ω/Mft	12.0 pF/ft between conductors 21.6 pF/ft between one conductor and other in common with shield	110Ω	-30 °C to 75°C	CMR

Product Variations

Part Number	Pair Count	Overall Diameter	Weight	Bend Radius
804	4 pair	.550"	135 lbs/Mft	5.5"
808	8 pair	.715"	233 lbs/Mft	7.2"
812	12 pair	.883"	337 lbs/Mft	8.9"
816	16 pair	1.01"	440 lbs/Mft	10.1"

Clark's 800 Series AES/EBU digital audio multi-pair cables deliver precision 110Ω data-grade single-pair elements in a snake cable configuration for high density applications. Built for precision impedance matching and low attenuation, each single-pair element has 24AWG tinned copper conductors, precision data-grade pair twisting and a 110Ω characteristic impedance. To streamline installation, each pair has a color coded and alpha-numerically printed pair jacket that is easy-to-strip and bonded to the foil shield. Extra-flexible and UL rated CMR, the 800 series can be used in portable applications or installed in a variety of permanent installation environments.