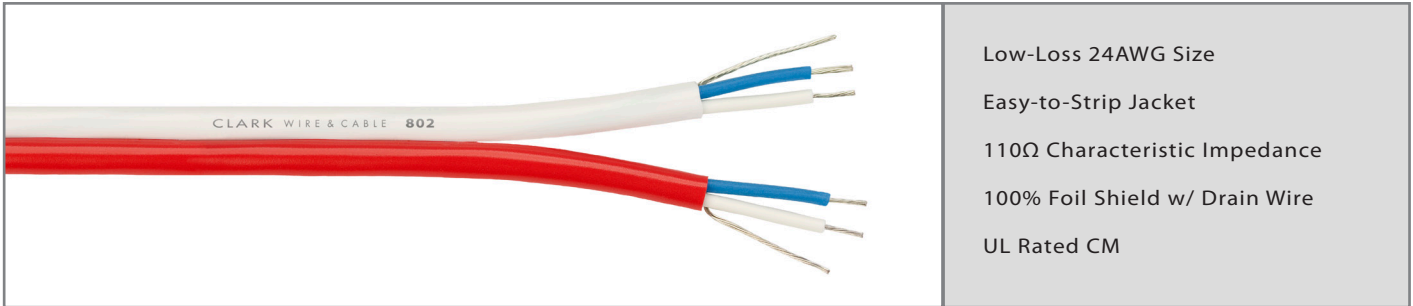


PRODUCT BULLETIN

#12301

802 24AWG AES/EBU Digital Audio Dual-Pair Cable



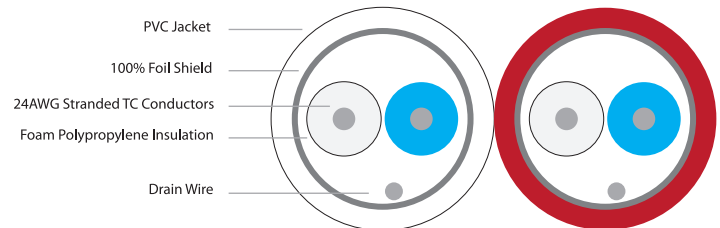
- Low-Loss 24AWG Size
- Easy-to-Strip Jacket
- 110Ω Characteristic Impedance
- 100% Foil Shield w/ Drain Wire
- UL Rated CM

Part Number Overview

Part Number: **802**
 Description: 24AWG AES/EBU Digital Audio Dual-Pair Cable

Materials & Dimensions

CONDUCTORS	(2) 24AWG (7 x 32) Stranded TC (per pair)
INSULATION	Foam Polypropylene, .023" wall, (one white, one blue)
SHIELD	100% Foil with 24AWG (7 x 32) Stranded TC Drain Wire
NUMBER OF PAIRS	2 (bonded with full pair color coding)
JACKET	Flexible PVC, .173" x .350" O.D.
COLOR	One Channel Red, One Channel White



Performance Characteristics

DC Resistance	Capacitance	Characteristic Impedance	Temperature Range	Weight	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	-20 °C to 75°C	26 lbs/Mft	CM

Frequency	1 MHz	3 MHz	6 MHz	12 MHz	25 MHz
Attenuation dB/100 feet	0.91	1.29	1.58	2.12	4.01
Attenuation dB/100 meters	2.98	4.23	5.18	6.95	13.2

Clark's 802 is a low-loss 110Ω data cable for AES/EBU digital audio applications. Easy to terminate, the 802 features a bonded easy-strip shield and tinned copper conductors that streamline cable termination. Excellent common-mode and RF/EMI noise rejection are achieved by a precision twisted pair and 100% foil shield. For impedance matching in data transmission applications, the 802 has a precision 110Ω characteristic impedance. UL rated CM, the 802 can be installed in a variety of permanent installation environments.