AESIMP-1F, AESIMP-1M, AESIMP-16M, AESIMP-8F8M AES XLR BNC Bulk Impedance Converters

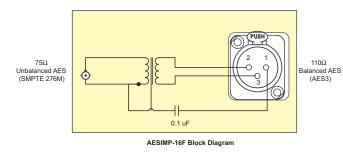


The AESIMP-16 series impedance converters allow transmission of AES/ EBU digital audio signals, with sampling rates ranging from 22 kHz to 96 kHz, over 75Ω coaxial cables. The conversion transformer changes a balanced 110 Ω transmission line to an unbalanced 75 Ω transmission line.

The AESIMP-16 series provides twelve XLR-3 type connectors (male or female) on the balanced side and BNC type connector on the unbalanced side. Two versions of the AESIMP-16 are available. The AESIMP-8F8M gives eight converters in each direction. The AESIMP-1M is a single channel converter. The rack mounting ears may be reversed to orient the panel for the greatest ease of installation. An identification strip holder is provided over the BNC connectors to assist in labeling sources and/or destinations.

	110Ω CONNECTOR		75Ω CONNECTOR
PART NUMBER	3-PIN XLR FEMALE	3-PIN XLR MALE	7512 CONNECTOR
AESIMP-1M		1	1 BNC
AESIMP-1F	1		1 BNC
AESIMP-8F8M	8	8	16 BNC
AESIMP-16F	16		16 BNC
AESIMP-16M		16	16 BNC

75Ω



Unbalanced AES (SMPTE 276M) 0.1 uF

AESIMP-16M Block Diagram

Specifications

Number of Channels: 16 (1 on AESIMP-1M) Transformer Coupling:

Turns Ratio 1.22:1

Unbalanced AES:

Standard: SMPTE 276M, single ended AES Connectors: BNC per IEC 61169-8 Annex A Approx. balanced level x 0.8. Signal Level:

5V p-p maximum Impedance: 75Ω unbalanced

Balanced AES:

AES3-1992 balanced AES Standard: Connectors: 3-pin Male XLR (AESIMP-16M) or 3-pin Female XLR (AESIMP-16F)

Signal Level: Approx. unbalanced level x 1.22,

5V p-p maximum Impedance: 110Ω balanced

Physical:

17"W x 1.75"H x 3.75"D Dimensions:

(483mm W x 45mm H x 95mm D)

110Ω Balanced AES

(AES3)

Depth Including Connectors:

Ordering Information

AESIMP-1F

In-line transformer with a single BNC to a single male XLR In-line transformer with a single BNC to a single female XLR AESIMP-8F8M AESIMP-16F AESIMP-16M

8 Female and 8 Male XLR to BNC AES Impedance Matching Panel 16 Channel female XLR to BNC AES Impedance Matching Panel 16 Channel male XLR to BNC AES Impedance Matching Panel