



Technical Data Sheet

CANFORD PPM METER BOXES

20-231 CANFORD LINE ISOLATING UNIT AES/EBU, balanced, XLR in/out, 110 ohms, 8 channel, rack mounting

20-232 CANFORD LINE ISOLATING UNIT AES/EBU, unbalanced, BNC in/out, 75 ohms, 8 channel, rack mounting

Now discontinued

DESCRIPTION

Eight channel AES/EBU digital audio isolation units providing transformer galvanic isolation between the input and output connections. Two versions available, balanced XLR 110 Ohm version complete with an earth lift switch per channel, or unbalanced 75 Ohm utilising BNC female connections, (no earth lift available for the now discontinued unbalanced unit). The 1U 19" rackmount housing has flexible mounting options.

The balanced circuit version has XLR connectors for input and output, one female, one male, located in pairs on one face. Earth-lift switches for each channel are located on the opposite face of the fully screened case.

The unbalanced circuit version has BNC female connectors for input and output, located in pairs on one face, there is no earth lift facility available on this type on the opposite face.

Both balanced and unbalanced units are finished in black, printed with channel identification numbers on both connector and switch faces, (where applicable), and fitted with snap-on cover designation strips.

INSTALLATION/MOUNTING

The 1U housing is designed to be mounted in a number of different ways within a 19-inch rack, acknowledging that they are utility products that may require no operational access. Detachable rack-mounting 'L- brackets' are included, which can be fitted on to either the 'front' or 'back' face.

Brackets may be fitted so the units face mounts flush, or recessed by 30mm, 60mm or 90mm with respect to the rack strips. A lacing-bar is provided with a choice of mounting positions. Note that the lacing-bar cannot be fitted when the unit is mounted recessed by 90mm.

Alternatively, the brackets can be fitted at right-angles to the box allowing vertical mounting, (either way up), either flush with the rack-verticals or at a recessed depth, (approximately 30mm, 60mm, 90mm, 120mm or 150mm). The vertical-mounting option allows space within a rack behind patch panels or other equipment to be utilised saving valuable 'front of rack' area.

ACCESSORIES

45-3081 CANFORD SNAP-ON DESIGNATION STRIP-2
432mm paper (pack of 4)

45-3091 CANFORD SNAP-ON DESIGNATION STRIP-2
432mm cover (pack of 4)

TECHNICAL SPECIFICATION

Bandwidth	0.1 – 6.0MHz
Maximum Voltage	5.0V peak to peak
VSWR	Less than 1.1, 0.1 – 6.0MHz
Insertion Loss	Less than 0.3dB
Dimensions	441 x 104 x 44.4mm (1U), w x d x h, without rack brackets fitted 482.6 (19") x 194 x 44.4mm (1U), with rack brackets fitted
Weight	1.1kg