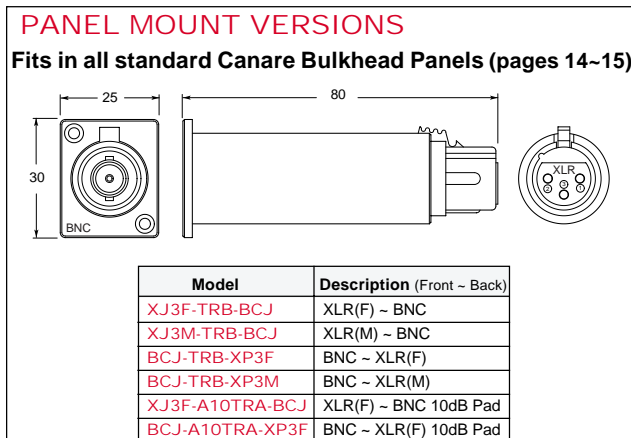
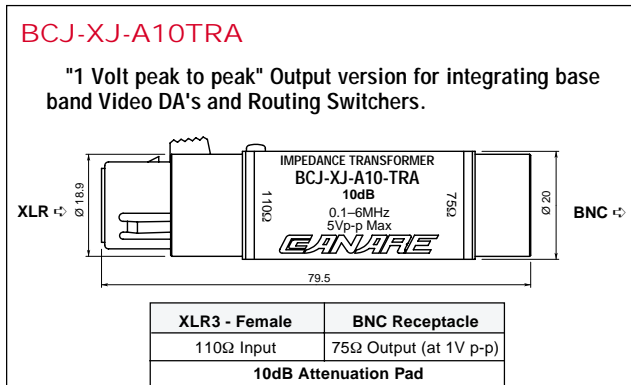
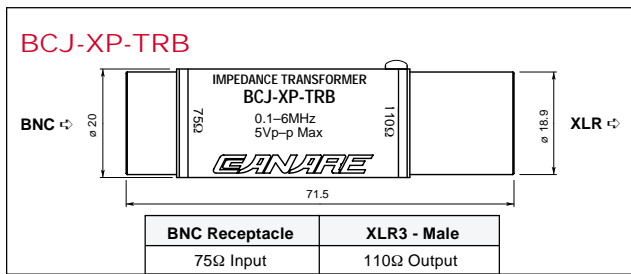
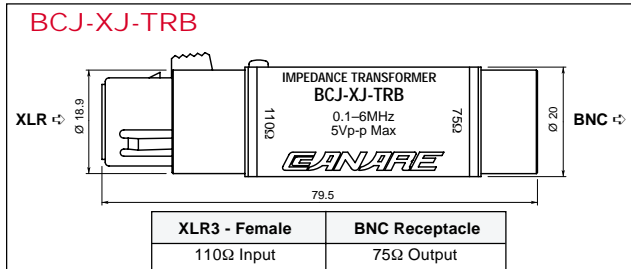


APPLICATIONS

- POST PRODUCTION SUITES
- DAT ROUTING
- RECORDING STUDIOS
- DIGITAL AUDIO TIE LINES

FEATURES

- SMPTE 276M & AES3 Transmission Standards
- Coaxial Routing of 2 Channel AES/EBU Digital Audio
- Permits longer cable runs vs 110Ω Twisted Pair
- Signal Distribution: Canare Video Patchbays, Routers & VDA's

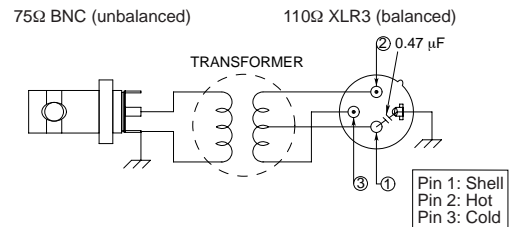


GENERAL SPECIFICATIONS

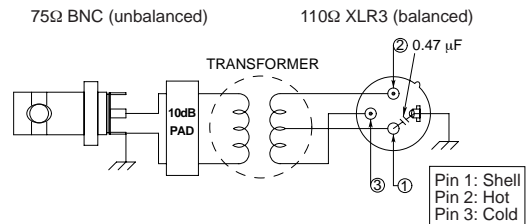
Bandwidth: 0.1 ~ 6MHz
Maximum Voltage: 5V p-p
VSWR: Less than 1.1
Insertion Loss: Less than 0.3 dB

Canare Impedance Transformers allow 75Ω coaxial transmission of all 2 channel AES/EBU Digital Audio signals. Low cost and easy to use, our I/O adapters are designed to passively convert all standard AES/EBU digital audio signals from 110Ω/XLR3 Output (@ 4.5 Volts) to a 75Ω BNC coaxial cable and then back again to a 110Ω/XLR3 Input (200mV min). Also provides excellent rejection against hum and noise.

BCJ-XJ-TRB / BCJ-XP-TRB



BCJ-XJ-A10TRA



110Ω - 75Ω Impedance Transformer: Input/Output Level Performance

AES/EBU Transmitter (V)	Transformer Out (V)	AES/EBU Transmitter (V)	Transformer Out -10dB Pad (V)
2.0	1.60	2.0	0.50
3.0	2.39	3.0	0.75
4.0	3.18	4.0	1.01
4.5	3.60	4.5	1.13
5.0	3.98	5.0	1.26
6.0	4.78	6.0	1.51
7.0	5.58	7.0	1.76
8.0	6.38	8.0	2.02
9.0	7.18	9.0	2.27
10.0	7.98	10.0	2.52

BCJ-XJ-TRB / BCJ-XP-TRB

BCJ-XJ-A10TRA