

7700DA-E3

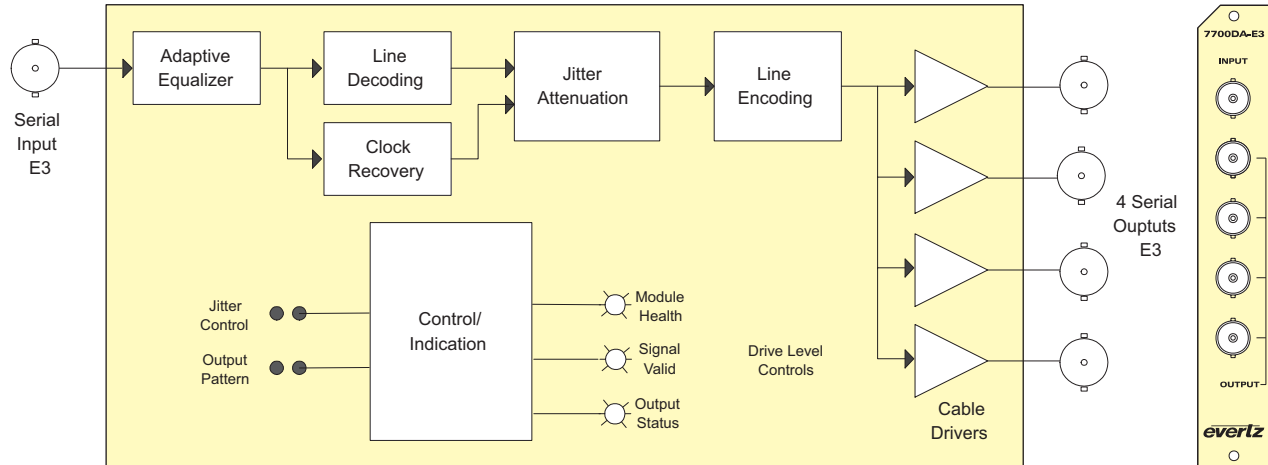
E3 Distribution Amplifier

The 7700DA-E3 Distribution Amplifier provides automatic coaxial cable equalization, reclocking and signal distribution of DS3 (34.368Mb/s) signals. The 7700DA-E3 accepts a HDB3 encoded Alternate Mark Inversion (AMI) input signal and provides four reclocked outputs.

The 7700DA-E3 occupies one card slot and can be housed in a 1RU frame which will hold up to 3 modules, a 3RU frame which will hold up to 15 modules, a 350FR portable frame which will hold up to 7 modules or a standalone enclosure that will hold 1 module.

►Features & Benefits

- Supports E3 (34.368Mb/s)
- Accepts HDB3 AMI input signals
- Adaptive cable Equalization for up to 300m of high quality 75Ω cable
- Signal reclocking and optional jitter attenuator
- Output wave shaping for E3 standards compliance
- Loss of signal (LOS) detection/indication
- Outputs 1s pattern generation upon loss of input signal



►Specifications

Input:		Electrical:	
Standard:	E3 (34.368Mb/s HDB3)	Voltage:	+12V DC
Number of Inputs:	1	Safety:	ETL Listed, complies with EU low voltage directive
Connector:	Isolated BNC per IEC 61169-8 Annex A	Power:	6W
Equalization:	Automatic to 300m with Belden 8281 or equivalent cable	EMI/RFI:	Complies with FCC Part 15, Class A
Return Loss:	> 20dB up to 34Mb/s		EU EMC Directive
Outputs:		Physical (number of slots):	
Number of Outputs:	4 reclocked	350FR:	1
Connector:	BNC per IEC 61169-8 Annex A	7700FR-C:	1
Waveform:	Conforms to G.703 compliant masks	7800FR:	1
Return Loss:	>18dB up to 34Mb/s		

►Ordering Information

7700DA-E3	E3 Distribution Amplifier	Enclosures	
Ordering Options	Rear plate must be specified at time of order Eg: Model +3RU	350FR	3RU Portable Multiframe which holds up to 7 single slot modules
Rear Plate Suffix		7700FR-C	3RU Multiframe which holds up to 15 single slot modules
+3RU	3RU Rear Plate for use with 350FR, 7700FR-C or 7800FR Multiframe	7800FR	3RU Multiframe which holds up to 15 single slot modules
+1RU	1RU Rear Plate for use with 7701FR Multiframe	7701FR	1RU Multiframe which holds up to 3 single or dual slot modules
+SA	Standalone Enclosure Rear Plate	S7701FR	Standalone Enclosure

