

7700DA-E3

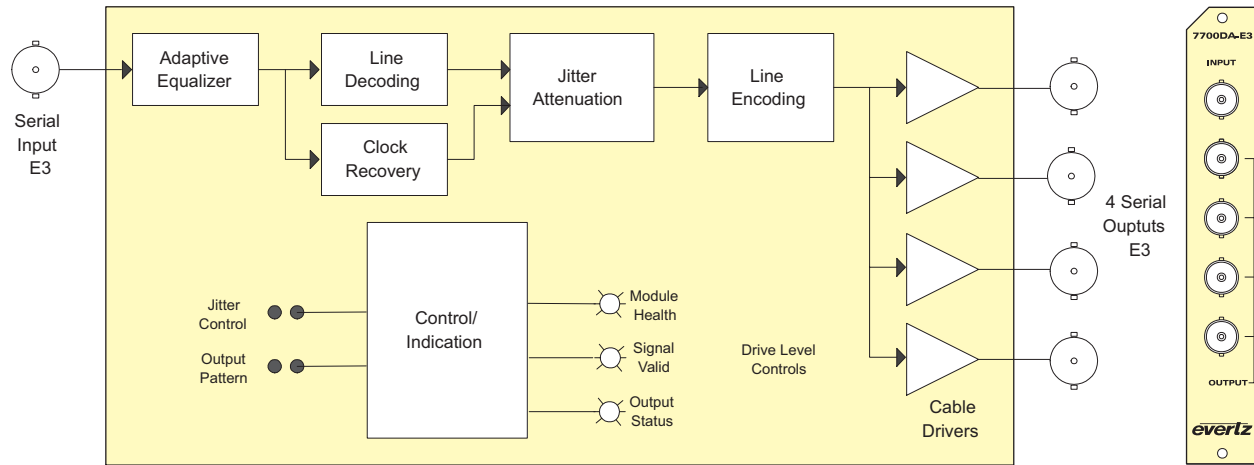
E3 Distribution Amplifier

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 either a 1RU frame that will hold up to 3 modules or a 3RU frame that will hold up to 15 modules.

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 60169-8 Amendment 2	Power:	6W
Equalization:	Automatic to 300m with Belden 8281 or equivalent cable	EMI/RFI:	Complies with FCC Part 15, Class A EU EMC Directive
Return Loss:	> 20dB up to 34Mb/s		
Outputs:		Physical:	
Number of Outputs:	4 reclocked	Number of Slots:	1
Connector:	BNC per IEC 60169-8 Amendment 2		
Waveform:	Conforms to G.703 compliant masks		
Return Loss:	> 18dB up to 34Mb/s		

Ordering Information

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