

1800 Series PDH Network Interface Adaptor Application Note

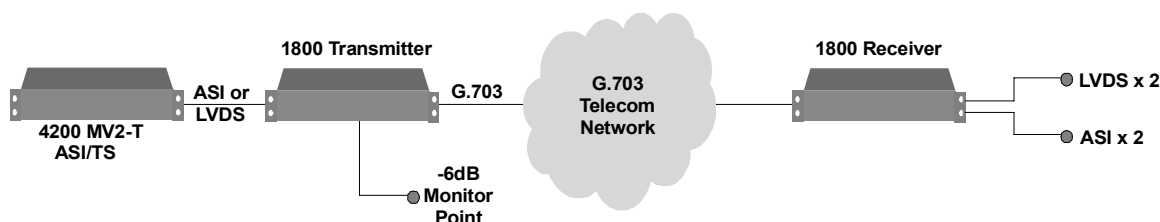
Designed to provide high reliability signal adaptation between MPEG, telecom (G.703) and data formats, the KLEINBIT 1800 Series PDH Network Interface Adaptor Units have a number of operational modes.

Point to Point

The G.703 range of 1800 Series PDH Network Interface Adaptor are designed to be used in operating pairs of transmitter and receiver. This is because these adaptors use a proprietary frame structure to carry signal and timing information.

The transmitter will accept MPEG ASI or LVDS (SPI) inputs. In addition to the main G.703 output, a secondary output is also provided at monitor level.

The receiver provides dual ASI and dual LVDS output signals – all of which are active and may be used simultaneously



Point to Multi-Point

Although (when operating in the normal asynchronous mode) 1800 Series PDH Receivers must receive a signal from an 1800 Series Transmitter, there is no limit to the number of Receivers, which may be transmitted to. In order broadcast to a number of receivers, the signal must be actively split or distributed as shown in the example below, using in this case the KLEINBIT 2100/2400 Distribution Amplifiers/Splitters.

