



Triton Models TNS28-SNP12-XXX-XX

Modulation Description:

Triton Network Systems SONET OC-12/SDH STM-4 Radios Modulation Description:

The combined payload data and control data are modulated using either 64-QAM modulation or 128-QAM modulation. 622 Mbps OC-12 IFU uses a 64-level Quadrature Amplitude Modulation (64-QAM) modulation scheme or a 128-level Quadrature Amplitude Modulation (128-QAM). In 64-QAM and 128-QAM modulation, both the phase and the amplitude of the RF carrier is modulated such that each point of the constellation represents a particular phase and amplitude of the RF carrier.

The spectrum of the modulated waveforms fits within the spectral masks defined by the FCC.