

Fixed 2.4 M Hub

The **AllocationFactor** is generally 1.3. The **ModulationIndex** is 1 for BPSK, 2 for QPSK, 3 for PSK8 and 4 for QAM16. So for a 512 KBPS circuit using FEC 3/4 and QPSK, we would use:

$$(512K * 1.3) / (0.75 * 2) = \mathbf{444 \text{ kHz}}$$

Reed Solomon (204/188) code applied to this figure:

$$444 \text{ kHz} * (188/204) = \mathbf{410 \text{ kHz}}$$

The **AllocationFactor** is generally 1.3. The **ModulationIndex** is 1 for BPSK, 2 for QPSK, 3 for PSK8 and 4 for QAM16. So for a 256 KBPS circuit using FEC 3/4 and QPSK, we would use:

$$(256K * 1.3) / (0.75 * 2) = \mathbf{222 \text{ kHz}}$$

Reed Solomon (204/188) code applied to this figure:

$$222 \text{ kHz} * (188/204) = \mathbf{205 \text{ kHz}}$$