

## AR-ONE C FREQ. & PHASE COHERENT

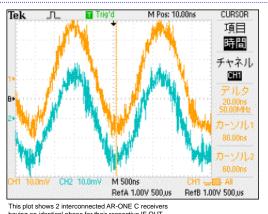
## Professional communications receiver



In addition of 10MHz frequency standard input/output connectors (for coherent), there are also 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> local oscillator input/outputs, for phase matching with a maximum 5% shift. The daisy chained receivers become therefore perfect clones in frequency and phase.

The number of receivers which can therefore be interconnected, is only limited by the type of (non supplied) IF amplifiers and splitters used.

SMA connectors for INPUT	SMA connectors for OUTPUT
10MHz standard oscillator 1 <sup>st</sup> & 2 <sup>nd</sup> local oscillators: 254.5MHz or 744.5MHz 3 <sup>rd</sup> local oscillator: 10.245MHz	IF (10.7MHz or 455kHz) 10MHz standard oscillator 1 <sup>st</sup> & 2 <sup>nd</sup> local oscillators: 254.5MHz or 744.5MHz 3 <sup>rd</sup> local oscillator: 10.245MHz



This plot shows 2 interconnected AR-ONE C receivers having an identical phase for their respective IF OUT signals at 455kHz



