

## 30-3000MHz Radio Frequency Fiber



**RFOF Module**

### Features

- Wide band width 30 MHz to 3000 MHz
- High Dynamic Range
- Immune to EMI

### Optic Transmitter& Receiver

The Fiber Optic Transmitter CCSL-TX-30-3000M-SC and Fiber Optic Receiver CCSL-RX- 30-3000M-SC are designed for electrical-to-optical (E/O) and optical to electrical (O/E) conversion of broadband RF signals over a frequency 30-3000MHz.

Using both these modules, a broadband linear optical link, capable of supporting the transmission of RF signals (direct from Antennas) over single mode optical fiber cable could be achieved for applications such as Antenna Remoting

Specifications	
Frequency	30 MHz -3000MHz
Gain	+5dB (typical) or better
Flatness(max)	± 2.5 dB
Dynamic range	-90 to -10dBm
Max RF input power handling	+15 dBm or better
Input P1	0dBm
Input IP -3(min)	+11dBm
Noise figure(max)	19 dB or better
RF input &output interface	50 ohm, N connector
Operating wave length	1550 nm
Modulation type	Direct
Optical output power	4 ± 2dBm
Optical interface	SC/PC
Power supply for Tx	12V DC( with crocodile connectors)
Power supply for Rx	230V AC, 50Hz

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