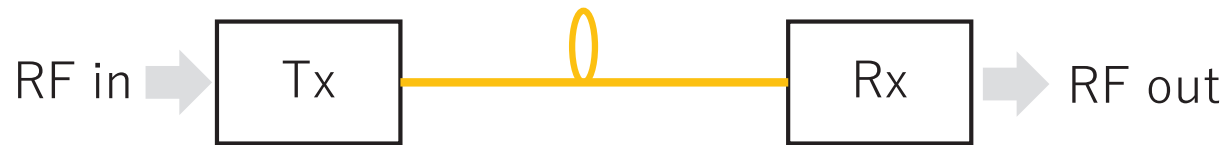


RF over Fiber Unit

~Replace Coaxial Cables to Optical fibers Simply and in a Low Cost~

- ◆ Low transmission loss (without frequency dependence **[0.2dB/km]**)
- ◆ Not affected from any noises (Lightning, surge)
- ◆ RF transmission as signals are (Low delay, Every signals)



Parameter		Typ.LA	Typ.HA	Typ.S	Typ.67G*1	Typ.XGoc
RF channel	Modulation Bandwidth	9kHz~300MHz	10~6,000MHz	1GHz~12GHz	1GHz~67GHz	1GHz~30GHz
	Input P1dB	-35dBm typ.(@10MHz)	-35dBm typ.(@3GHz)	+20dBm typ.(@6GHz)	+7dBm(@25GHz)	-10dBm typ.(@20GHz)
	Noise Figure	6dB typ.(@10MHz)	6dB typ.(@3GHz)	50dB(@6GHz)	35dB(@25GHz)	50dB typ.(@30GHz)
	Link Gain	0dB typ.(@10MHz)	0dB typ.(@3GHz)	-25dB(@6GHz)	-30dB(@25GHz)	-10dB(@20GHz)
General	RF connector	SMA/J	SMA/J	SMA/J	V/J	K/J
	Optical connector	SC/PC	SC/PC	FC/APC	SC/PC	SC/APC
	Power Supply	USB-C DC5V 100mAmax	USB-C DC5V 600mAmax	USB-C DC5V 900mAmax	USB-C DC5V 900mAmax	AC adapter(100-240V) DC5V 150mAmax
	Fiber used	SMF(0.2dB/km)	SMF(0.2dB/km)	SMF(0.2dB/km)	SMF(0.2dB/km)	MMF(GI50 3dB/km)
	Dimension	95 × 45 × 40mm	90 × 48 × 45mm	130 × 80 × 40mm	TBD(150 × 150 × 60mm)	100 × 55 × 35mm

*1 : Developing