

- KT2T40F
- KT2D40F
- KT2S40F



DESCRIPTION

The optical repeater systems consist of one master and a number of slave repeaters.

These repeaters are the best option for large areas coverage such as large towers, campuses, large industrial farms and quarry and mines.

Electrical Data			
Item		Uplink	Downlink
Frequency Range (MHz)	LTE900 Band	890 ~ 915	935 ~ 960
	LTE1800 Band	1710 ~ 1785	1805 ~ 1880
	LTE2100 Band	1920 ~ 1980	2110 ~ 2170
Max. Total Output Power(dBm)		30±2(per band) @Optical Loss=0dB	40±2(per band) @Optical Loss=0dB/7dB
Max. Gain (dB) Center Frequency at 25℃ @ Optical Loss=0dB		95±3	100±3
ALC control (dB)		0 - 20	
Gain control range (dB)	MU	20dB/1dB step	
	RU	20dB/1dB step	
Optical Specifications	Optical Connector	MU	FC/APC*4;
		RU	FC/APC*1;
	Optical Wavelength (nm)	MU	TX: 1550 / RX: 1310; Single Mode;
		RU	TX: 1310 / RX: 1550; Single Mode;
	Optical Output Power (dBm)	MU	-2±3
		RU	4.5±3
	Fiber optic path attenuation range(dB)		0~7
Power consumption rating		MU	≤ 180W
		RU	≤ 500W

Scenes Type						Coverage Range
Campuses	Medium and large buildings	Airports	Mines	Tunnels	Industrial farms	Between 5000m ² -25000m ²
✓	✓	✓	✓	✓	✓	

