

Optical transmitters and receivers

KTX-KRX



KTX optical transmitter converts an RF TV-Sat signal into an optical signal.

KRX optical receiver converts the optical signal into a TV-SAT signal. SC/ACP connectors on the optical interface.

Key Points

- Operating temperature: -10 to +55°C.
- SC/AP connectors on the optical interface

		KTX	KRX
Code		270686	270677
Optical Interface			
Optical wavelength	nm	1310±20	1100±1600
Optical input power	dBm		-10 to +6
Optical output power	dBm	6	-
Optical return loss	dBm	>55	>55
RF section			
RF bandwidth	dB	47-2150	47-2150
Flatness TV	dB	±0.5	±0.5
Flatness SAT	dB	±1	±1
Link flatness	dB	±2.5	±2.5
RF input level	dBμV	85±92	-
RF output level	dBμV	-	94@ optical input power ≥ 2dB
RF TEST output level		-	RF output level -25dB
RF return loss	dB	>12	>12
Input impedance	Ohm	75	-
Output impedance	Ohm	-	75
RF connector		F female	F female
Optical connector		SC/APC single mode	SC/APC single mode
Operating voltage	VDC	12	12
Power consumption		1	2
Dimensions (L.xH.xD.)	mm	32x89x126	

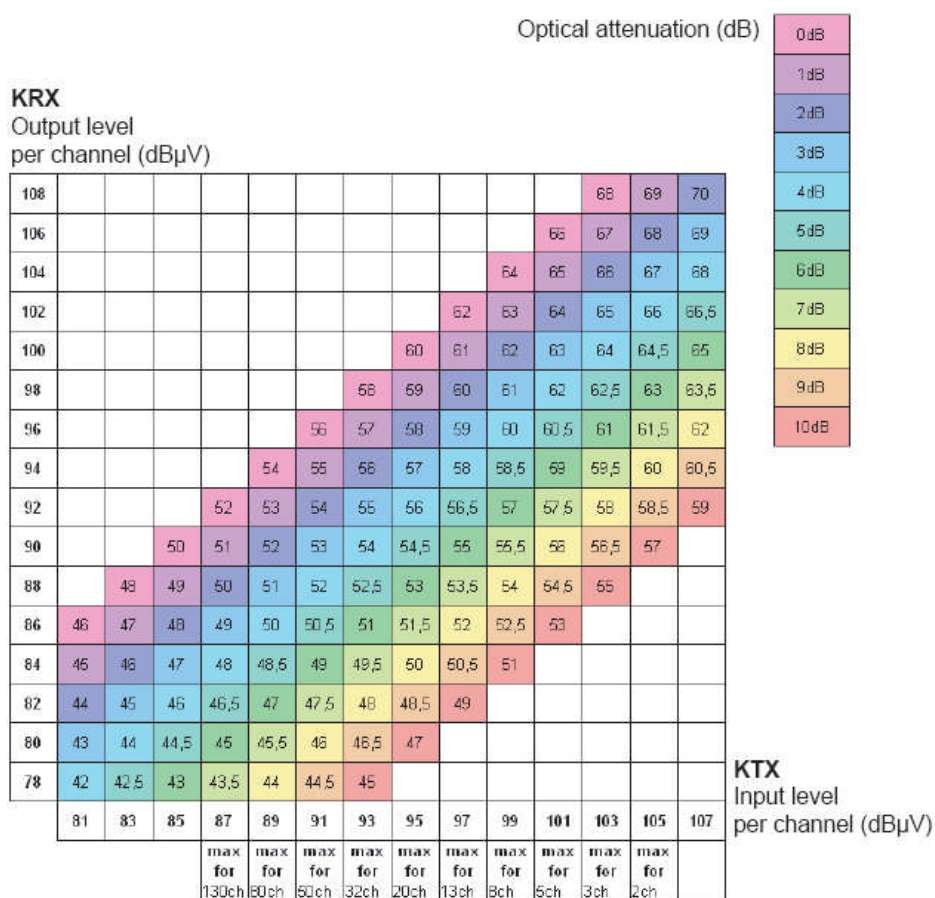
Operating Temperature

°C

-10 to +55

Code	Item	Packaging	Quantity	Dimension	Net Weight	Total Weight
			Pcs	mm	Kg	Kg
270686	KTX	Single Package	1	235x165x45	0,430	0,460
270677	KRX	Single Package	1	235x165x45	0,430	0,460

Signal to noise Ratio



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