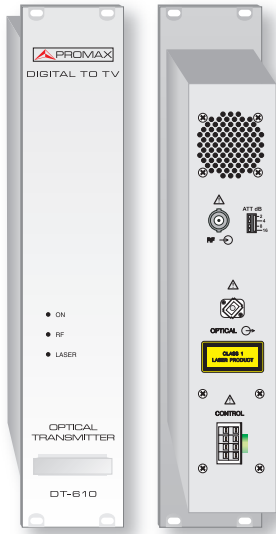
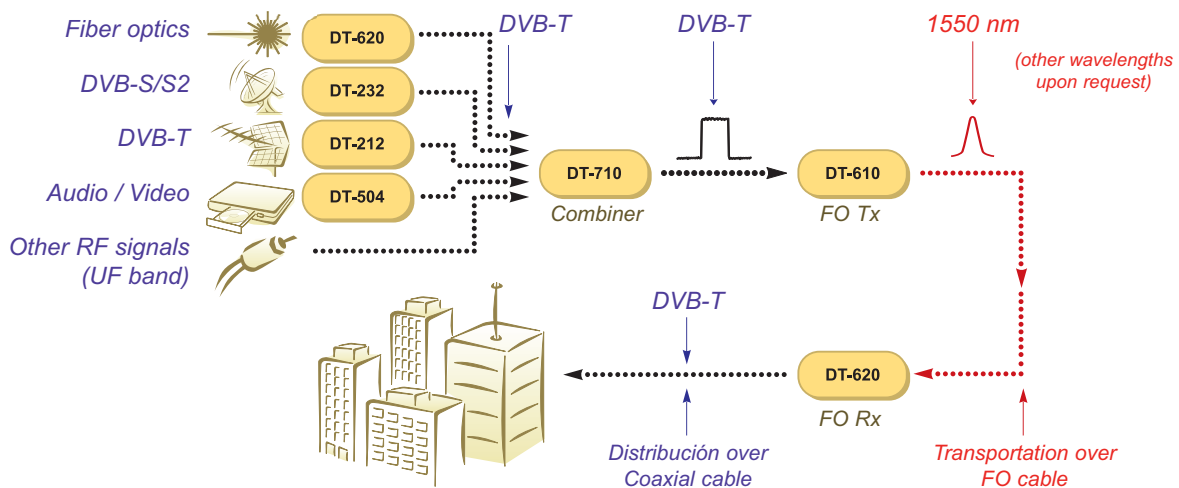


## DVB-T to FO Optical Transmitter



The **DT-610** module is an optical transmitter that converts RF signals into optical so that they can be transmitted over fiber-optic cables.

The laser diode modulation is optimized for DVB-T and DVB-C digital channel transmission. It is suitable for optical links over distances up to 43 km (depending on the number of channels used in the system).



Specifications	DT-610
<b>RF Input</b>	
Frequency range	From 470 to 862 MHz (45-1000 MHz; please ask for other options)
Flatness	1.5 dB typ.
Input Level	From -8 to -32 dBm (MER >38 dB)
Input Impedance	50 Ω
Connector	BNC
Input RF protection	15 dBm or 50 VDC
Light indicators	RF input power. (diagnostic power)
<b>FO Output</b>	
Wavelength	1550 ± 20 nm (other wavelengths as option)
Laser type	DFB
Modulation	Direct amplitude modulation
Output Level	+ 4.5 dBm
Connector	SC/APC
Fiber	Single Mode 9/125, SMF28 or equivalent
Indicators	Laser state