



**JTD- AM Fiber Link-6** Re-broadcast Head End platform is a signal processing platform with high integration, high reliability, and multiple types of signal processing that can be mixed and matched, developed for the needs of tunnel broadcast coverage. Using CortexA9 high-performance processor as the core control platform, according to different tunnel front-end signal processing methods and number of channels, and meet customer project requirements flexibly and reliably.

### General Specifications

Frequency Range	520-1710kHz	
Frequency resolution	1 kHz	
Antenna connection	75 Ohm x 1	
Number of re-broadcast channel	6 channels selective	
Audio output	Audio stream	
Remote connection	TCP/IP	
Break in source and interface	Analog stereo	
	TCP/IP	PCM
Working Temperature	-25°C to +55°C	
Relative Humidity	5- 95% RH	
Power Supply	90-246 VAC	
Power Consumption	≤ 100 Watt	
Dimensions	485mm X 360mm X 44mm	
Weight	≤ 3kg	



**JTD- AM Fiber Link-20**, is a 20W multi-frequency AM repeater. It is suitable for AM coverage in tunnels and closed-space signal blind areas. The AMrepeater receives the audio from the front end, and outputs the multi-frequency RF power signal through the automatic gain controller, the pre-stage power amplifier, the final-stage power amplifier and the filter, and sends it to the antenna. The equipment has a variety of remote monitoring methods, adopts an integrated aluminum alloy structure design, and is wall-mounted with high protection level of IP65 and passive heat dissipation

### General Specifications

Frequency Range	520-1710kHz
RF Output Power(carrier power)	3 Watt per carrier (6 carriers)
In band ripple	± 1.5dB
Audio input	Audio stream (6ch)
Number of re-broadcast channel	6 channels
Remote connection	TCP/IP
Working Temperature	-40℃ to +60℃
Relative Humidity	5- 95% RH
Power Supply	90-246 VAC
Power Consumption	≤ 150 Watt
Dimensions	450mm X 315mm X 180mm
Weight	≤20kg