

Fiber Optic Applications

The Fiber Optic Advantage in Mission Critical Environments

Having a complete picture of the current situation offers a clear advantage. Therefore, governments and their military have chosen Thinklogical's fiber optic products over traditional copper wire products for their electronic transmission of video and data. And, here's why:

Thinklogical's products use light pulses, not electricity for data transmission. This means that data cannot be eavesdropped upon, intercepted, or disrupted by electromagnetic noise.

Also, fiber is ideal in many different types of environments, it cannot corrode, it can be buried in all kinds of soil forms and can be exposed to all kinds of atmospheres as well. Since the only carrier in fiber optic cables is light, there is no possibility of spark from a broken cable wire. Thus, fiber optic cables leave no room for fire hazards.



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THE POWER OF EXCELLENCE

For over a decade Thinklogical's products have been engineered and designed with government and military applications in mind. Therefore, while most fiber optic transmission products allow for a high transmission rate, thinklogical's products possess a rate higher than most, 6.25 Gbps Of bandwidth, over long distances (up to 10 kilometers). These features have enabled our products and solutions to play a critical role in helping military and government departments and agencies overcome the critical infrastructure, collaboration and information sharing issues they face on a daily basis.

