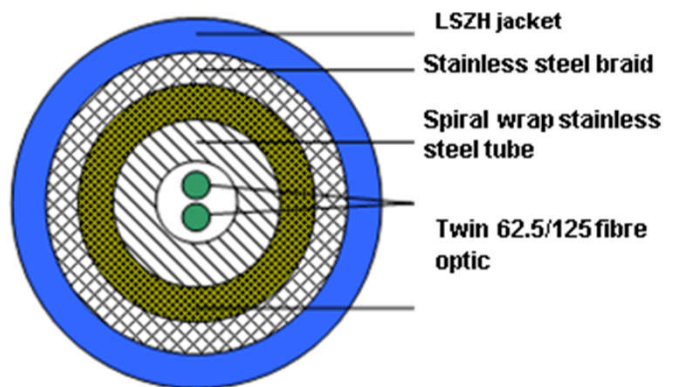




FireFiber AT (Armoured Tube)– Sensing Cable

The FireFiber Armoured Tube (AT) sensing cable is designed to work with Bandweaver’s FireLaser products. This central part of the cable consists of fiber in metal tube (FIMT) design, where typically 2 optical fibres are embedded inside the stainless steel tube. A low smoke zero halogen (LSZH) is then extruded over the FIMT to provide protection.



Features	Values			
Fiber Type	62.5/125 acrylate coated multimode fiber			
Number of cores	1 or 2 fibers as standard			
IEC/EN standards	IEC 60332-3C, EN60332, EN61034			
Attenuation	<2.8dB/Km@850nm, <0.8dB/Km@1300nm	Bandwidth	>600MHz-km	
Weight	21kg/km	Outer Diameter	LSZH sheath	3 mm
IP rating	IP68		Steel tube	1.2mm
Permissible longitudinal load	Long Term	600N	Permissible Side Pressure	Long Term 300 N/10cm
	Short Term	1000N	Short Term	1000N/10cm
Permitted bend radius	Long Term	120 mm	Temperature Range	Long Term -40°C to 85°C
	Short Term	80 mm		