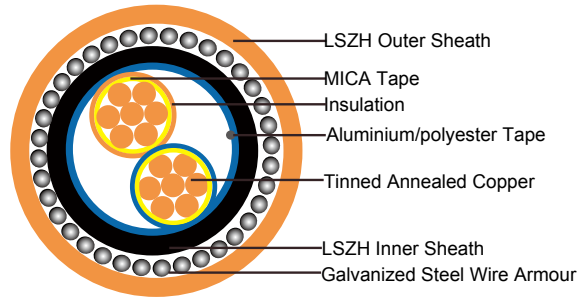




## Fire Resistant & Armoured Fieldbus Cable



### Construction:

Pair No. X Conductor Size	1PX18AWG
Conductor	7 Strands tinned copper
Fire Barrier	MICA Tape
Insulation	XLPE
Shielding	Aluminium foil
Drain Wire	Tinned copper wire
Inner Sheath	LSZH
Amour	Galvanised steel wire
Outer Sheath	LSZH
Nominal Overall Diameter	17.5+/-2.0mm
Approx. Weight	385 KG/KM
Core Color	Blue&Orange, other color is available upon request.
Sheath Color	Orange, other color is available upon request.

### Electrical Data:

Characteristic Impedance @ 31.25KHz	100 Ω ± 20Ω	
Conductor Resistance	23.5 Ohm/km max.	
Test Voltage	1.0KV	
Operate Voltage	300V	
Mutual capacitance	80 pF/m	
Max. Attenuation	39KHz	3.0dB/km

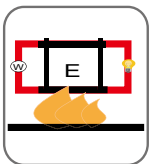


## Technical Data:

Min. Bending Radius	10 x OD mm
Operating Temp.Range, min.	-40 °C
Operating Temp.Range, max.	+90 °C

## Fire Performance

Circuit Integrity	IEC 60331
Flame Retardance (Single vertical wire or cable test)	IEC 60332-1-2; EN 60332-1-2
Reduced Fire Propagation (Vertically-mounted bundled wires & cable test)	IEC 60332-3-24; EN 60332-3-24
Halogen Free	IEC 60754-1; EN 50267-2-1
No Corrosive Gas Emission	IEC 60754-2; EN 50267-2-2
Minimum Smoke Emission	IEC 61034-2; EN 61034-2



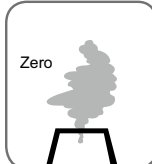
Circuit Integrity  
IEC 60331



Flame Retardancy  
BS EN 60332-1-2



Reduced Fire Propagation  
EN 60332-3-24



Halogen Free  
IEC 60754-1



Low Corrosivity  
IEC 60754-2



Low Smoke Emission  
IEC 61034-2