

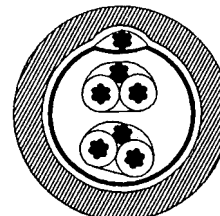


## SAFETY CABLE

**Pair cable - individual & overall screen**

# ARSIC-2 LSFROH

**Indoor use**  
**Stranded conductors, 0,50 mm<sup>2</sup>**  
**Halogen free**  
**Flame retardant**



Flexible instrumentation and process control cable. Suitable for use in loudspeaking, signalling, and remote control systems. The cable provides very good protection against EMC. Stranded tinned copper conductors with PE insulation. Each pair is individually screened with Al/PETP-foil and drain wire. In addition the cable has an overall Al/PETP-foil screen with a drain wire. All screens insulated from each other. Pair-colour code red/blue with number marking. Outer sheath of flame retardant halogenfree material. Corresponding to the Finnish type JAMAK.

### Cable construction

Rev.3.

Number of pairs	Sheath material	Conductor dimension (mm <sup>2</sup> )	Insulation diameter (mm)	Cable diameter (mm)	Weight (kg/km)
2	LSFROH	0.5 KGT	1.6 PE	8	70
4	LSFROH	0.5 KGT	1.6 PE	9.5	110
8	LSFROH	0.5 KGT	1.6 PE	13	200
12	LSFROH	0.5 KGT	1.6 PE	15	280
24	LSFROH	0.5 KGT	1.6 PE	21	530

KGT = tinned annealed copper

### Cable properties

<b>Bending</b> Minimum bending radius	10 x D	<b>CE marking</b> according to LVD.	
<b>Tensile strength</b>	25 N x No of conductors	<b>Flame retardancy</b>	IEC 60332-1
<b>Temperature window</b> during inst.	-5°C to +70°C	<b>Halogen free</b>	IEC 60754-1 and 2
		<b>Low smoke</b>	IEC 61034

### Electrical data at 20°C

<b>Frequency</b>	<b>Attenuation max [dB/100m]</b>	<b>Impedance, 10 MHz</b>	70 ohm ± 10%
9.6 kHz	0.3	<b>DC-loop resistance</b>	81 ohm/km
19.6 kHz	0.5	<b>Mutual capacitance (800 Hz)</b>	85 nF/km
64 kHz	0.7	<b>Insulation resistance, minimum</b>	2 Gohm x km
100 kHz	0.9		
200 kHz	1.6		
1.0 MHz	4.5		
<b>Operating voltage, maximum</b>	75 V	<b>Voltage test, cond.-cond.</b>	1500 V AC
		Cond.-pairscreen/Pairscreen-collective screen	500V/300V

### Ordering information

Cable code	Colour	Delivery length	Art. No.	El. No.
2 pair	Grey	T500 m	793521	1088930
4 pair	Grey	T500 m	793541	1088934
8 pair	Grey	T500 m	793561	1088938
12 pair	Grey	T500 m	793581	1088942
24 pair	Grey	T500 m	793611	1088954