

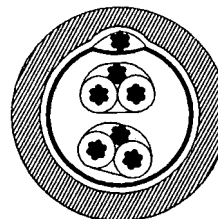


## Pair cable - individual & overall screen

# ARSIC-1

Indoor use  
Stranded conductors, 0,50 mm<sup>2</sup>  
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 EMI. Stranded tinned copper conductors with cellular 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. Colour code red/blue with number marking. Outer sheath of PVC.



### Cable construction

Rev.2.

Number of pairs	Sheath material	Conductor dimension (mm <sup>2</sup> )	Insulation diameter (mm)	Cable diameter (mm)	Weight (kg/km)
2	PVC	0.5 KGT	1.6 cellular PE	8.4	75
4	PVC	0.5 KGT	1.6 cellular PE	10.0	115
8	PVC	0.5 KGT	1.6 cellular PE	12.7	200
12	PVC	0.5 KGT	1.6 cellular PE	15.3	285
24	PVC	0.5 KGT	1.6 cellular PE	20.4	545

KGT= tinned annealed copper

### Cable properties

<b>Bending</b> Minimum bending radius	8 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.	0°C til 70°C		

### Electrical data at 20°C

<b>Frequency</b>	<b>Attenuation max [dB/100m]</b>	<b>Impedance, nominal (1-10 MHz)</b>	65 ohm
1.0 MHz	3.5	<b>DC-loop resistance</b>	70 ohm/km
4.0 MHz	6.5	<b>Mutual capacitance (1k Hz)</b>	70 nF/km
10.0 MHz	9.7	<b>Insulation resistance, minimum</b>	2 Gohm x km
<b>Operating voltage, maximum</b>	75 V	<b>Voltage test, cond.-cond.</b>	1500 V DC
		<b>Cond.-pairscreen/Pairscreen-collective screen</b>	500V/300V

### Ordering information

Cable code	Colour RAL no.	Delivery length	Art. No.	EI. No.
2 pair	Grey 7035	S500 m	793021	1088902
4 pair	Grey 7035	S500 m	793041	1088904
8 pair	Grey 7035	T500 m	793061	1088908
12 pair	Grey 7035	T500 m	793081	1088912
24 pair	Grey 7035	T500 m	793111	1088924