



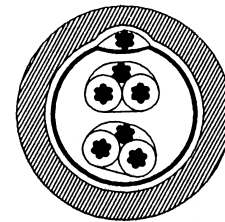
ARSIC-1



Pair cable - individual & overall screen

Indoor use
Stranded conductors, 0,50 mm²
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 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 PVC. Corresponding to the Finnish type JAMAK.



Cable construction

Rev.4.

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

KGT= tinned annealed copper

Cable properties

Bending Minimum bending radius	10 x D	CE marking according to LVD.	
Tensile strength	25 N x No of Conductors	Flame retardancy	IEC 60332-1
Temperature window during inst.	-5°C to 70°C		

Electrical data at 20°C

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

Ordering information

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