

# J-Y(St)Y Screened Telephone Cable



Eland Product Group: A9J

## APPLICATION

For telecommunication systems for transmission of data and signals.

## CHARACTERISTICS

**Voltage Rating**  
300V

**Temperature Rating**  
Fixed: -30°C to +70°C

**Minimum Bending Radius**  
8 x overall diameter

## CONSTRUCTION

**Conductor**  
Class 1 solid copper

**Insulation**  
PVC (Polyvinyl Chloride)

**Screen**  
Duplex tape and drain wire

**Sheath**  
PVC (Polyvinyl Chloride)

**Sheath Colour**  
● Grey

## STANDARDS

VDE 0815

## ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



## REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





## DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	NOMINAL DIAMETER OF CONDUCTORS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A9J10006	1	0.6	5	30
A9J10008	1	0.8	6	40
A9J20006	2	0.6	5.5	40
A9J20008	2	0.8	7	60
A9J30006	3	0.6	6.3	50
A9J30008	3	0.8	8.5	80
A9J40006	4	0.6	6.8	60
A9J40008	4	0.8	9	100
A9J50006	5	0.6	7.2	70
A9J50008	5	0.8	9.5	120
A9J60006	6	0.6	7.5	80
A9J60008	6	0.8	10.5	140
A9J80006	8	0.6	8	90
A9J80008	8	0.8	11.5	170
A9J100006	10	0.6	9	110
A9J100008	10	0.8	13	220
A9J120006	12	0.6	9.5	130
A9J120008	12	0.8	14	250
A9J160006	16	0.6	10.5	160
A9J160008	16	0.8	15.5	320
A9J200006	20	0.6	11	190
A9J200008	20	0.8	16.5	380
A9J500006	50	0.6	16	390
A9J500008	50	0.8	23	800
A9J1000006	100	0.6	21	780
A9J1000008	100	0.8	32	1600

## ELECTRICAL CHARACTERISTICS

NOMINAL DIAMETER OF CONDUCTORS mm	MAXIMUM CONDUCTOR RESISTANCE ohms/km	CAPACITANCE nF/km at 800Hz
0.6	130	100
0.8	73.2	100

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.