

J-Y(St)Y Screened Telephone Cable



Eland Product Group: **A9J**

APPLICATION

For telecommunication systems for transmission of data and signals.

CONSTRUCTION

Conductor

Class 1 solid copper conductor

Insulation

PVC (Polyvinyl Chloride) according to VDE 0207

Screen

Duplex tape and drain wire

Sheath

PVC (Polyvinyl Chloride) according to VDE 207

CABLE STANDARDS

VDE 0815



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Voltage Rating

300V

Test Voltage

800V

Temperature Rating

Fixed: -30°C to +70°C

Flexed: -5°C to +70°C

Minimum Bending Radius

Flexed: 10 x overall diameter

Core Identification

Multi-core: ● Red ● Black ○ White ● Yellow
according to DIN VDE 0815

Sheath Colour

● Grey

DIMENSIONS

ELAND PART NO.	NO. OF PAIRS	CONDUCTOR DIAMETER 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

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