



Overall Screened – Data Cable (7/0.25)

- Application:** Internal and external inter-connections of electronic apparatus such as computers, intercoms, signalling and alarm systems.
- Conductor:** Annealed Copper Wire
- Insulation:** PVC V-90HT
- Core Colours:** Black and White
- Screen:** Overall Aluminium Tape Screen and Polyester Mylar Tape Lapping
- Drain Wire:** Tinned Copper 7/0.25
- Sheath:** PVC 5V-90
- Sheath Rating:** Manufactured with a 240V radial thickness sheath – MUST NOT BE CONNECTED TO MAINS
- Sheath Colour:** Black
- Typical Features:** (0.34mm² = 22AWG)
- Max. Working Voltage:** 300V. RMS
- Conductor Resistance (20°C):** 5.2 Ω/100m
- Crosstalk between Pairs:** 1 kHz: 96dB/100m
100 kHz: 75dB/100m
- Impedance (100 kHz):** 78Ω
- Capacitance:** Between each core & bunched together: 120 pF/m
Between core of a pair: 78 pF/m
- Pairs:** Twisted
- Attenuation of a Pair:** 1kHz: 0.46 dB/100m
10 kHz: 0.66 dB/100m
100 kHz: 1.23 dB/100m
150 kHz: 1.63 dB/100m
1 MHz: 1.89 dB/100m
- Standards:** AS1125 (Conductor), AS/NZS 3808 (PVC)
- Greenstar:** Approved
- Vinyl Council:** Approved

ELECTRA Part Number	CORES	PAIRS	STRANDING	SIZE	O.D.
EAS7251T1PPE**	0	1	7/0.25	0.34	4.6
EAS72503	3	0	7/0.25	0.34	5.0
EAS72502P	0	2	7/0.25	0.34	5.7
EAS72503P	0	3	7/0.25	0.34	6.8
EAS72504P	0	4	7/0.25	0.34	7.9

*O.D. ± 10% = mm *Size = mm² Stranding = (Count) x mm

** This cable is Tinned Copper Polyethylene and has black and white cores.

electracables.com.au

SYDNEY
(02) 8786 5200

MELBOURNE
(03) 9706 6819

BRISBANE
(07) 3386 9800

PERTH
(08) 9454 2628

The information provided herein is indicative only. It is not a representation or warranty provided by Electra Cables (Aust) Pty Ltd ("Electra") for the suitability of a product for a particular purpose. Electra may, without notice, change and/or update its products to ensure compliance with the relevant Australian Standards. Electra are not liable for any reliance made on the information provided herein or the installation of Electra products unless otherwise agreed by Electra. All rights reserved. ABN 38 056 024 38