



Overall Screened – Data Cable (7/0.25)

Max. Working Voltage: 300V. RMS

Conductor Resistance at 20°C: 5.2 Ω/100m

Crosstalk between Pairs at 1 kHz: 96dB/100m
at 100 kHz: 75dB/100m

Characteristic Impedance (at 100 kHz): 78Ω

Capacitance (Between each core and bunched together): 120 pF/m
(Between core of a pair): 78 pF/m

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

Typical Features: (0.34mm² = 22AWG)

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.

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