

# Technical characteristics

## Data cables - electric characteristics

### Data cables - electrical characteristics

cross-section in mm <sup>2</sup>	0,14	0,25	0,34	0,50	0,75	1,00	1,50
max. conductor resistance at 20 °C in Ω/km acc. to VDE 0812	148,0	79,9	58,0	38,9	26,0	19,5	13,3
capacitance core/core approx. nF/km for ...							
PVC	120	120	130	140	150	170	190
TPE-E	100	100	120	120	150	150	170
PE	60	60	80	90	90	100	110
SABIX® 336	70	70	70	80	90	100	110

### Screened data cables - electrical characteristics

cross-section in mm <sup>2</sup>	0,14	0,25	0,34	0,50	0,75	1,00	1,50
max. conductor resistance at 20 °C in Ω/km acc. to VDE 0812	148,0	79,9	58,0	38,9	26,0	19,5	13,3
capacitance core/core approx. nF/km for ...							
PVC	50	50	55	55	60	60	60
TPE-E	40	50	50	50	60	70	70
PE	20	20	20	20	20	20	20
SABIX® 336	30	30	30	30	30	30	35

The mentioned values are approximate values.

Capacitance is dependent on cable constructions, screenings and wall thickness of the insulation and, therefore, can be different from above mentioned data.