



EtherCAT/Ethernet cable | PUR, thin, drag chain suitable, with shield

| | |
|------------------------------------|---|
| Electrical data | ZB9031 |
| Insulation resistance | $\geq 0.15 \text{ G}\Omega/\text{km}$ |
| DC resistance | $125 \text{ }\Omega/\text{km}$ |
| Nominal impedance | $1 \dots 100 \text{ MHz, } (100 \pm 15) \text{ }\Omega$ |
| Shielding | aluminium-clad foil, braiding of tinned copper wires |
| Mutual capacitance | 51.0 nF/km |
| Electrical parameters | CAT 5e, according to EN 50288-2-2 |
| Mechanical data | |
| Ambient temperature | $-40 \text{ }^\circ\text{C} \dots +80 \text{ }^\circ\text{C}$ |
| Mechanical properties cable | |
| Cable outside diameter | $4.80 \pm 0.30 \text{ mm}$ |
| Drag chain suitable | yes |
| Bending radius | $10 \times D$ |
| Approbations | UL Style 20963 |
| Material properties | halogen-free, silicone-free, flame-resistant as per IEC 60332-1-2 |
| Wire pair 1 | $19 \times 0.15 \text{ mm (AWG26/19) WHBU/BU/WHOR/OR}$ |
| Materials | |
| Cable | PVC, 4-wire, green, star quad |
| Ordering information | |
| ZB9031 | product sold by meter |