



EtherCAT/Ethernet cable | PUR, thin, drag chain suitable, Highflex

Electrical data		ZB9032
Insulation resistance		≥ 150 MΩ/km
DC resistance		125 Ω/km
Nominal impedance		100 MHz, (100 ±5) Ω
Shielding		braiding of tinned copper wires
Attenuation	Return loss (100 m)	1...20 MHz: 23 dB 20...100 MHz: 23 dB - 10 log (f/20)
Unbalanced resistance		max. 3 % Ω at 20 °C
Mutual capacitance		51 pF/m at 1 kHz
Unbalanced capacitance		≤ 3400 pF/km
Electrical parameters		based on CAT 5
Mechanical data		
Ambient temperature		-40 °C...+80 °C
Mechanical properties cable		
Cable outside diameter		5.40 ±0.3 mm
Drag chain suitable		yes
Bending radius		20 x D, single 4 x D
Number of cycles		20 million
Parameter		max. velocity 10 m/s, acceleration max. 15 m/sec ²
Approbations		UL Style 20963
Material properties		ROHS-compliant, halogen-free, silicone-free, CFC-free, oil-resistant
Wire pair 1		19 x 0.1 mm, BU/OR/WHBU/WHOR
Materials		
Cable		PUR, Kevlar as filler, 4-wire, green, star quad
Ordering information		
ZB9032		product sold by meter