



Industrial-Ethernet/EtherCAT-Cable | PVC, fixed installation, 1x4xAWG26

Electrical data	
Rated voltage	300 V
Attenuation of shielding	≥43 dB
Insulation resistance	≥500 MΩ/km
Capacity unbalanced to ground	1600 pF/km
Mutual capacitance	52 nF/km
Characteristic impedance	100 Ω ± 5Ω (100MHz, EN 50289-1-11)
Loop resistance	280 Ω/km
Unbalanced resistance	2 %
Test voltage wire/wire	2000 V
Test voltage wire/shield	2000 V
Signal running time	5.3 ns/m
Electrical parameters	Cat 5e, according to EN50288-2-2
Mechanical data	
Cable structure	star quad
Conductor construction	7 x0.167 mm
Cross section	0.14 mm² (AWG26)
max. Bending radius, moved	7 x cable outer diameter
max. Bending radius, fixed installation	5 x cable outer diameter
Weight	33 kg/km (72.75 lb/1000ft)
Cable outer diameter	4.9 mm ± 0.2 mm (0.193" ±0.0079")
Conductor material	copper
Optical covering factor of shielding	80 %
Shielding	Aluminium-clad foil, braiding of tinned copper wires
Wall thickness of wire insulation	0.25 mm
Wall thickness of jacket	0.85 mm
Jacket color	green
Jacket material	PVC (polyvinylchloride)
Wire insulation material	white, yellow, blue, orange
Wire insulation material	PE (polyethylene)
Printing on the jacket	"sequential length in metres" Industrial Ethernet Cat5 flex *E130266 AWM STYLE 2464 80 °C 300V *ZB9030 "month/year" "internal order number"
Printing color	black

Environmental data	
Operation temperature range, fixed installation	-40 °C up to 80 °C (-40 °F up to 176 °F)
Acid, lye and solvent resistance	depends on medium, concentration, temperature and time
Other characteristics	flame resistant according to IEC60332-1-2, free from halogen according to DIN VDE 0472 part 815
approvals	UL-Style 2464
Ordering information	
ZB9030	product sold by meter
ZB9030-R000	Reel with 500 m