

ZB9050-0014 | Power cable, PUR, 5 G 1.5 mm², drag-chain suitable, black



Electrical data	
Operating voltage	≤ 300 V
Wire resistance	≤ 58 Ω/km (20°C)
Test voltage	≥ 3000 V
Mechanical data	
Conductor construction	84 x 0.15 mm
Cross-section	5 G 1.5 mm ² (approx. AWG16)
Outer cable diameter	7.80 ± 0.05 mm
Min. bending radius, moved	6 x outer cable diameter
Weight	112 kg/km (0.075 lb/1000 ft)
Use	drag-chain suitable
Max. acceleration	10 m/s ²
Max. speed	5 m/s
Max. travel distance	100 m
Max. number of cycles	2 million
Jacket color	black
Material jacket	PUR (polyurethane)
Wire color code	brown, white, black, blue, green/yellow

Environmental data	
Operation temperature range, moved	-25...+80°C
Flame-retardant	according to cULus 20549
Halogen-free	according to DIN VDE 0472 part 815
RoHS compliant	yes

Notes

- The following length tolerances apply: 2-3%
- Illustrations similar

Ordering information	Length
ZB9050-0014-0050	5.00 m
ZB9050-0014-0100	10.00 m
ZB9050-0014-0250	25.00 m
ZB9050-0014-0500	50.00 m
ZB9050-0014-1000	100 m
ZB9050-0014-R001	250 m
ZB9050-0014-R002	500 m
ZB9050-0014-R003	1000 m



Products marked with a crossed-out wheeled bin shall not be discarded with the normal waste stream. The device is considered as waste electrical and electronic equipment. The national regulations for the disposal of waste electrical and electronic equipment must be observed.

Beckhoff®, ATRO®, EtherCAT®, EtherCAT G®, EtherCAT G10®, EtherCAT P®, MX-System®, Safety over EtherCAT®, TC/BSD®, TwinCAT®, TwinCAT/BSD®, TwinSAFE®, XFC®, XPlanar® and XTS® are registered trademarks of and licensed by Beckhoff Automation GmbH. Other designations used in this publication may be trademarks whose use by third parties for their own purposes could violate the rights of the owners.

© Beckhoff Automation GmbH & Co. KG 07/2026

The information provided in this brochure contains merely general descriptions or characteristics of performance which in case of actual application do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.