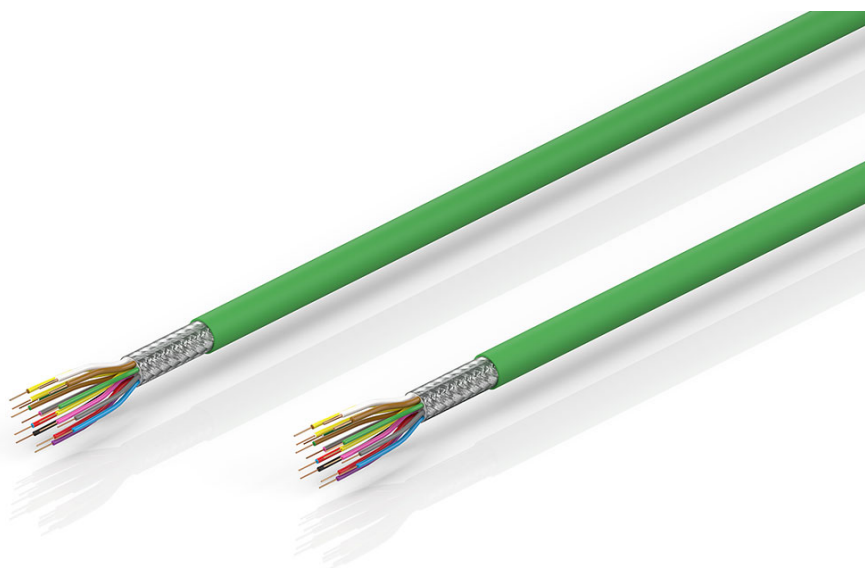


ZK4519-0020-zzzz | Encoder cable, not assembled, (7 x 2 x 0.14 mm² + 2 x 0.5 mm²)



Electrical data	
Operating voltage	30 V
Insulation resistance	≥ 20 MΩ*km
Wire resistance	0.14 mm ² : ≤ 138.0 Ω/km, 0.5 mm ² : ≤ 40.0 Ω/km
Test voltage	1000 V (wire/wire), 800 V (wire/screen)
Mechanical data	
Cross-section	7 x 2 x 0.14 mm ² + 2 x 0.5 mm ²
Outer cable diameter	7.6 mm ± 0.3 mm (0.2992" ± 0.0118")
Min. bending radius, moved in drag-chain	7 x outer cable diameter
Min. bending radius, fixed installation	4 x outer cable diameter
Weight	84 kg/km (55.440 lb/1000 ft)
Conductor material	copper, tinned
Optical covering factor of shielding	≥ 85%
Use	drag-chain suitable
Max. acceleration	30 m/s ²
Max. speed	4 m/s
Max. travel distance	20 m
Max. number of cycles	10 million

Jacket color	green
Material jacket	PUR (polyurethane)
Wire insulation material	PP (polypropylene)
Printing color	black
Torsion angle in °/m	max. ± 30 °/m
Max. tensile load, dynamic	20 N/mm ²
Max. tensile load, static	50 N/mm ²
Environmental data	
Operation temperature range, moved	-10...+80°C, 14...+176°F
Operation temperature range, fixed installation	-50...+80°C, -58...+176°F
Oil resistance	according to UL 1581
Flame-retardant	according to IEC 60332-1
CFC-free	yes
Halogen-free	DIN VDE 0472 part 815
Silicone-free	yes
RoHS compliant	yes
Approvals	RU AWM Style 20236, CSA AWM I/II AB/B 80°C 30V, CE compliant

Notes

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

Ordering information	Length
ZK4519-0020-zzzz	sold by the meter

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