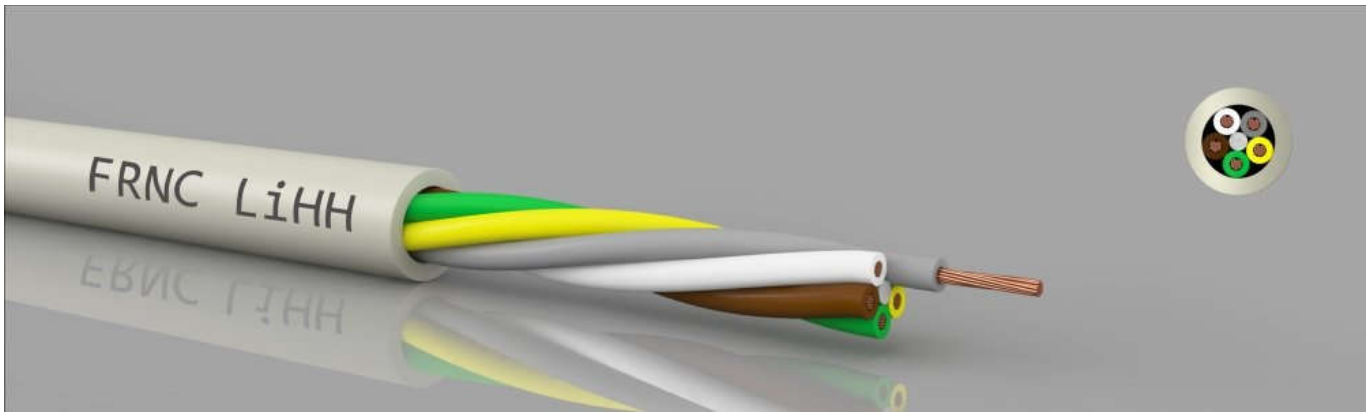
kabeltronik®

quality at the highest level



✓ installation ✓ halogen free ✓ FRNC ✓ RoHS ✓ REACH ✓ CE ✓ UN/ECE R118

KATRONIC LiHH 7 x 0,50 qmm

FRNC, unshielded
Order-No. 410705005

Application / Description

Flexible Control cable FRNC for measuring, control and regulation technology as well as data processing, where the use of halogen free and flame retardant materials is mandatory.

Variant data

O.D.	approx. 6,10 mm
weight	72,8 kg/km
Cu-weigth	33,6 kg/km

Construction / data

Conductor	bare stranded copper wire
Structure of conductor	16x0,20 mm
Cross section	0,50 qmm
Core-Ø	approx. 1,50 mm
number of cores	7
Core insulation	PE-EVA
Colour sequence	DIN 47100
Twisting	cores in layers
Outer jacket	PE-EVA
Outer jacket colour	grey, sim. RAL 7032
Dimension	7 x 0,50 qmm

Technical characteristics

Temperature range	-40 °C to +90 °C
Bending radius static	> 5 x O.D.
Bending radius dynamic	> 10 x O.D.
Operating voltage	500 V
Testing voltage	1.200 V
Insulation resistance	> 100 MOhm x km at + 20°C

Packaging

Spools at 100m
Lower and upper lengths according to availability. Special packaging on request.

Technische Änderungen und Irrtümer vorbehalten. Die Eignung für einen konkreten Verwendungszweck muss vom Kunden geprüft werden. Achtung: Gefahr eines elektrischen Schlages, Produkt darf nur von Fachpersonal verarbeitet werden!

Technical changes and errors reserved. The suitability for a specific purpose must be checked by the customer. Warning: Risk of electric shock, the product may only be handled by qualified personnel

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