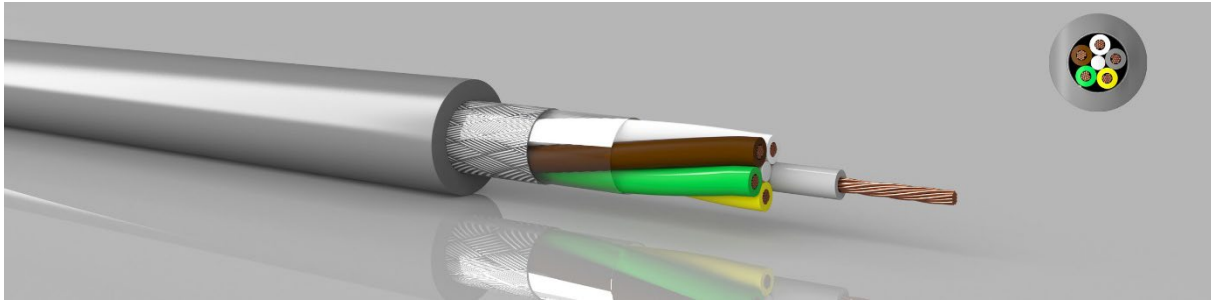


Datasheet



Type:
Name:

**Shielded control cable, FRNC
LiHCH**

Construction:

Conductor: bare stranded copper wire, see table
Core insulation: Special-FRNC
Color code: DIN 47100
Twisting: optimally twisted in layers
Bending: PETP-Foil
Shield: copper braid
Jacket: Special-FRNC
Outer Diameter: see table
Jacket Color: grey, similar to RAL 7032

Electrical characteristics:

Testing Voltage: 0,14 qmm: 800 V
from 0,25 qmm: 1200 V
Operating Voltage: 0,14 qmm: 350 V
from 0,25 qmm: 500 V

Mechanical characteristics:

Temperature range: -40°C to +90°C
Bending radius: static: 5 x OD
dynamic: 10 x OD

No flame propagation
flame retardant and halogen-free

Product group: electronic and industry	
RoHS-compliant, EG-Directive 2011/65/EU:	Yes
REACH, current version	Yes
CE-compliant	Yes
technical changes and errors are reserved	

0,14 qmm (18 x 0,10 mm)

Part-No.	Dimension	OD +/- 5 % mm
420201405	2 x 0,14 qmm	3,80
420301405	3 x 0,14 qmm	4,00
420401405	4 x 0,14 qmm	4,20
420501405	5 x 0,14 qmm	4,50
420701405	7 x 0,14 qmm	4,80
420801405	8 x 0,14 qmm	5,60
421001405	10 x 0,14 qmm	6,00
421201405	12 x 0,14 qmm	6,60
421401405	14 x 0,14 qmm	6,80
421601405	16 x 0,14 qmm	7,10

0,25 qmm (14 x 0,15 mm)

Part-No.	Dimension	OD +/- 5 % mm
420202505	2 x 0,25 qmm	4,10
420302505	3 x 0,25 qmm	4,30
420402505	4 x 0,25 qmm	4,60
420502505	5 x 0,25 qmm	5,10
420702505	7 x 0,25 qmm	5,50
420802505	8 x 0,25 qmm	6,50
421002505	10 x 0,25 qmm	7,00
421202505	12 x 0,25 qmm	7,20
421402505	14 x 0,25 qmm	7,50
421602505	16 x 0,25 qmm	7,80

0,34 qmm (7 x 0,25 mm)

Part-No.	Dimension	OD +/- 5 % mm
420203405	2 x 0,34 qmm	4,70
420303405	3 x 0,34 qmm	5,10
420403405	4 x 0,34 qmm	5,50
420503405	5 x 0,34 qmm	5,90
420703405	7 x 0,34 qmm	6,80
420803405	8 x 0,34 qmm	7,60
421003405	10 x 0,34 qmm	8,20
421203405	12 x 0,34 qmm	8,40
421403405	14 x 0,34 qmm	8,80
421603405	16 x 0,34 qmm	9,20

0,50 qmm (16 x 0,20 mm)

Part-No.	Dimension	OD +/- 5 % mm
420205005	2 x 0,50 qmm	5,20
420305005	3 x 0,50 qmm	5,40
420405005	4 x 0,50 qmm	5,80
420505005	5 x 0,50 qmm	6,70
420705005	7 x 0,50 qmm	7,20
420805005	8 x 0,50 qmm	8,20
421005005	10 x 0,50 qmm	8,80
421205005	12 x 0,50 qmm	9,00
421405005	14 x 0,50 qmm	9,40
421605005	16 x 0,50 qmm	9,90

0,75 qmm (24 x 0,20 mm)

Part-No.	Dimension	OD +/- 5 % mm
420207505	2 x 0,75 qmm	5,80
420307505	3 x 0,75 qmm	6,50
420407505	4 x 0,75 qmm	7,00
420507505	5 x 0,75 qmm	7,50
420707505	7 x 0,75 qmm	8,10

1,00 qmm (32 x 0,20 mm)

Part-No.	Dimension	OD +/- 5 % mm
420210005	2 x 1,00 qmm	6,00
420310005	3 x 1,00 qmm	6,70
420410005	4 x 1,00 qmm	7,20
420510005	5 x 1,00 qmm	7,80
420610005	6 x 1,00 qmm	8,40
420710005	7 x 1,00 qmm	8,40

1,50 qmm (28 x 0,25 mm)

Part-No.	Dimension	OD +/- 5 % mm
420215005	2 x 1,50 qmm	7,00
420315005	3 x 1,50 qmm	7,30
420415005	4 x 1,50 qmm	7,90
420515005	5 x 1,50 qmm	8,60
420615005	6 x 1,50 qmm	9,30
420715005	7 x 1,50 qmm	9,30

Product group: electronic and industry	
RoHS-compliant, EG-Directive 2011/65/EU:	Yes
REACH, current version	Yes
CE-compliant	Yes
technical changes and errors are reserved	