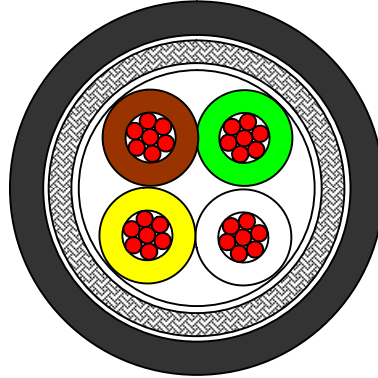




## Li-2YC12Y 2 x 2 x 0.22 mm<sup>2</sup> PBT

### CanBus-Cable



### Application

The following CanBus cable is suitable for transmission of CanBus signals according to **DIN 19245 and EN 50170**  
The following CanBus cable is suitable for transmission of CanBus signals according to **ISO 11898-2**

### Standards

acc. to customer Specification

### Flame resistance

### Construction

Conductor	stranded bare copper wire, diameter 7 x 0.20 mm (cross section 0.22 mm <sup>2</sup> )	Ø 0.60 mm
Insulation	PE, wall thickness 0.46 mm	Ø 1.75 ± 0.05 mm
Colour code	Pair 1: 1 x white, 1 x brown	
Core identification	Pair 2: 1 x yellow, 1 x green	
Cable lay up	4 cores twisted to a star quad	Ø 4.2 mm
Wrapping	1 x PET-foil, overlapping	Ø 4.3 mm
Overall screen	tinned copper braid optical coverage ≥ 85%	Ø 5.0 mm
Foil	1 x Polyester web under sheath	Ø 5.1 mm
Sheath	PBT wall thickness 0.65 mm	Ø 6.4 ± 0.2 mm
Sheath colour	black, RAL 9005	
Marking	<b>DRAKA</b> Li-2YC12Y 2 x 2 x 0.22 mm <sup>2</sup> CANBUS 120 OHM + batch number + meter marking	

### Mechanical properties

Bending radius	
- moving application	≥ 10 x outer diameter of cable
- fixed application	≥ 5 x outer diameter of cable
Operating temperature	- 25°C up to + 70°C
Corrosivity	EN 50267-1 and 2, IEC 60754-1 and 2



## Li-2YC12Y 2 x 2 x 0.22 mm<sup>2</sup> PBT

### Electrical properties

at 20°C

Conductor resistance (at 20 ± 5 °C)	≤ 87 Ω/km
Characteristic impedance at 1 MHz (connected as star quad)	120 Ω ± 15%
Capacitance at 800 Hz (nominal)	42 nF/km
Attenuation at (connected as star quad)	
0.10 MHz	0.70 dB/100 m
0.50 MHz	1.3 dB/100 m
1 MHz	1.8 dB/100 m
10 MHz	5.3/100 m
Insulation resistance (at 20 ± 5 °C and 500 V)	≥ 10 GΩxkm
Test voltage (AC, 1 min) Core/core and core/screen	1.2 kV

### Technical data

Product code	Designation	Type	Brand	Cable dia. mm	Weight approx. kg/km	Standard delivery length m	Drum size *PWD	Gross weight kg	Cop- per con- tent	Ten- -sile force N
1003269 CS2869800	Li-2YC12Y	2 x 2 x 0.22 mm <sup>2</sup>	CanBus 120 OHM	6.4	49	1000	600/200/ 310	54	27.1	165

PWD (plywood drum)