

TRAXLINE®


Coaxial cables



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Subject to change.

KOAX 700 C 50 Ohm




Outer jacket:	PUR
Shield:	Shielded
Flexibility:	hi-flex
Demands:	high demanding
Up to motion cycles:	2 Million
Travel length up to:	50 m
Stranding:	Single core

KOAX 700 C 75 Ohm



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KOAX 700 CD 50 Ohm



Outer jacket:	PUR
Shield:	Double shielded
Flexibility:	hi-flex
Demands:	high demanding
Up to motion cycles:	2 Million
Travel length up to:	50 m
Stranding:	Layer stranded

KOAX 700 CD 75 Ohm



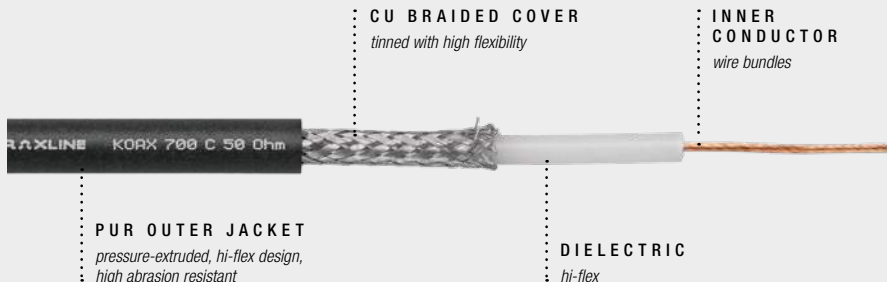
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Stranding:	Layer stranded

More information:
traxline.de

tsubaki-kabelschlepp.com

TRAXLINE® KOAX 700 C 50 OHM

Shielded continuous bending hi-flex PUR data cables

Definition
from page 176

Picture obtainable.

Technical Information
from page 146Up to **2 Million**
Motion cyclesUp to **50 m**
Travel lengthTechnical support:
Fon: +49 (0)2762 4003-0

General information

- For transmission of visual and audio data
- Overall-shield covers from electric or magnetic fields
- Outer jacket pressure extruded and high abrasion resistant

Norms and standards

- Oil-resistant
- UV-resistant
- Ozone-resistant
- Silicone-free
- CFC-free
- REACH/RoHS II
- Flame-retardant
- NEK 606
- Halogen-free

Design

Conductor:	Class 6
Core insulation:	PP/9Y
Core identification:	Black, coded with white numbers
Core stranding:	Optimized stranding with maximum flexural strength
Shield:	Shielded
Jacket color:	Black
Outer jacket:	PUR

Technical data

Temperature range while moved:	-20 up to +70 °C
Minimum bend radius while moved:	$KR_{min} \geq 15 \times \varnothing$
V_{max} supported:	3 m/s
V_{max} gliding:	3 m/s
a_{max} supported:	3 m/s ²
a_{max} gliding:	3 m/s ²

Varying parameters possible

Coaxial cables | Type selection

TRAXLINE® KOAX 700 C 50 OHM – Shielded

Core number x Cross-section [mm ²]	Part no.	max. Ø [mm]	Cable weight [kg/m]	Copper weight [kg/m]
1 x (1HF50) 50 Ohm	45680	5.6	0.045	0.022

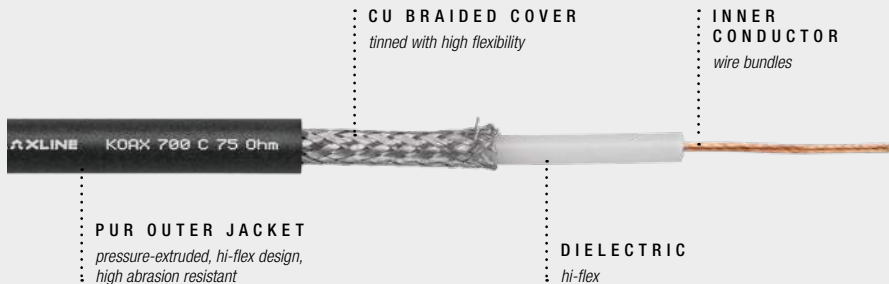


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TRAXLINE® KOAX 700 C 75 OHM

Shielded continuous bending hi-flex PUR data cables

Definition
from page 176Technical Information
from page 146Technical support:
Fon: +49 (0)2762 4003-0online-engineer.de
Cable Carrier Configurator

Picture obtainable.

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Varying parameters possible

Coaxial cables | Type selection

TRAXLINE® KOAX 700 C 75 OHM – Shielded

Core number x Cross-section [mm ²]	Part no.	max. Ø [mm]	Cable weight [kg/m]	Copper weight [kg/m]
1 x (1HF75) 75 Ohm	45691	5.6	0.060	0.018



More information:
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TRAXLINE® KOAX 700 CD 50 OHM

Double-shielded continuous bending hi-flex PUR data cables

Definition
from page 176Technical Information
from page 146Technical support:
Fon: +49 (0)2762 4003-0online-engineer.de
Cable Carrier Configurator

Picture obtainable.

Up to **2 Million**
Motion cyclesUp to **50 m**
Travel length

General information

- For transmission of visual and audio data
- Double shielded for very good cover from electric or magnetic fields
- Outer jacket pressure extruded and high abrasion resistant

Norms and standards

- Oil-resistant
- UV-resistant
- Ozone-resistant
- Silicone-free
- CFC-free
- REACH/RoHS II
- Flame-retardant
- NEK 606
- Halogen-free

Design

Conductor:	Class 6
Core insulation:	PP/9Y
Core identification:	Black, coded with white numbers
Core stranding:	optimized stranding with maximum flexural strength
Shield:	Double shielded
Jacket color:	Black
Outer jacket:	PUR

Technical data

Temperature range while moved:	-20 up to +70 °C
Minimum bend radius while moved:	$KR_{min} \geq 15 \times \varnothing$
V_{max} supported:	3 m/s
V_{max} gliding:	3 m/s
a_{max} supported:	3 m/s ²
a_{max} gliding:	3 m/s ²

Varying parameters possible

Coaxial cables | Type selection

TRAXLINE® KOAX 700 CD 50 OHM – Double shielded

Core number x Cross-section [mm ²]	Part no.	max. Ø [mm]	Cable weight [kg/m]	Copper weight [kg/m]
(3 x (1HF50)) 50 Ohm	45683	11.2	0.140	0.063
(5 x (1HF50)) 50 Ohm	45685	14.0	0.230	0.099



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Coaxial cables | Type selection

TRAXLINE® KOAX 700 CD 75 OHM – Double shielded

Core number x Cross-section [mm ²]	Part no.	max. Ø [mm]	Cable weight [kg/m]	Copper weight [kg/m]
(3 x (1HF75)) 75 Ohm	45694	11.2	0.142	0.070
(5 x (1HF75)) 75 Ohm	45695	14.0	0.234	0.089



More information:
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