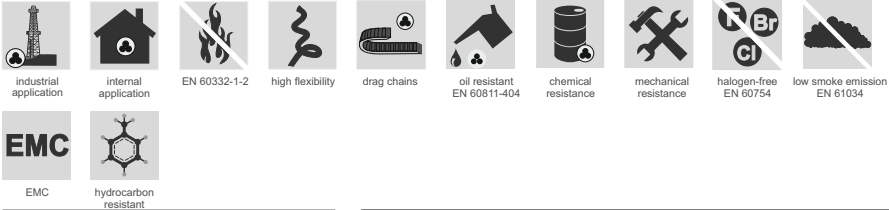


BITNER® 510 encoder



Drag chain cables

Connecting cable between servo controller and encoder/resolver for application in drag chains



Technical data:

Thermal parameters:

Operating temperature:

fixed installation: -40 °C up to 80 °C
flexible connections: -30 °C up to 80 °C

Electrical parameters:

Operating voltage:

signal cables: 30 V AC/DC
Test voltage (50 Hz): 500 V

Mechanical parameters:

Min. bending radius:

flexible connections: 8 x Ø
fixed installation: 4 x Ø

Design:

Conductors:

flexible, tinned copper conductors, multi-stranded class 6 acc. to EN 60228

Insulation:

special halogen-free TPE

Screen:

tinned copper wire braid

Outer sheath:

special PUR compound (11Y), resistant to oils and industrial coolants, low adhesive; colour: green

Application:

Highly flexible servomotor and feedback cables for connections between servo controller and encoder. Intended especially for use in power chains. Designed and tested to withstand at least 10 million bending cycles in a drag chain. Cables are oil, wear and tear resistant, halogen-free and cold flexible. Cables classified according to **EN 50575 (CPR)**.

Cat. no.	n x mm ²	Core marking	Outer diameter* [mm]	Approx. cable weight [kg/km]
SB5781	4x2x0,34+4x0,5	orange, red, purple, blue, brown, black, yellow, green, white-red, white-yellow, black-white, white-blue	9,2	125

*Outer diameter tolerance: +/-5%

Cable Factory BITNER reserves the right to modify specifications without prior notification

Note: on customer's request other cross sections or number of cores can be produced