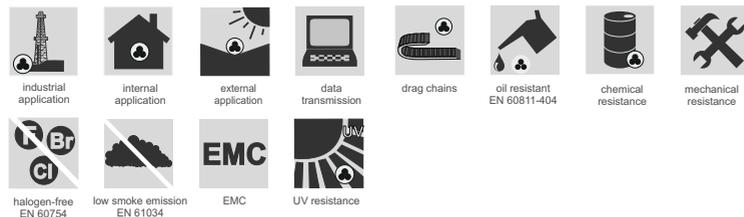


# BiT CAN-BUS Drag Chain



Drag chain cables

Data transmission cables for CAN-BUS network, designed for drag chain operations



## Technical data:

**Operating temperature:**  
 Fixed installation: -50°C to 80°C  
 Flexible connections: -40°C to 80°C  
**Wave impedance:** 120Ω +/- 15%  
**Conductor loop resistance (max.):** 56Ω/km  
**Insulation resistance (min.):** 5GΩxkm  
**Capacitance:** 40nF/km  
**Test voltage:** 1500V  
**Wave attenuation at a frequency of:**  
 4 MHz = 2,5dB/100m  
 16 MHz = 5,2dB/100m  
**Min. bending radius:**  
 Fixed installation: 5xØ  
 Flexible connections: 10xØ

## Construction:

**Conductors:** very finely stranded bare copper wires (42x0,1mm)  
**Insulation:** foamed polyethylene with a thin external layer of solid polyethylene  
**Conductor colours:** white and brown  
**Core arrangement:** cores twisted together  
**Wrapping:** special fleece tape  
**Screen:** tinned copper wire braid  
**Sheath:** special PUR with enhanced resistance to abrasion, chemicals, resistant to oil and industrial coolants, UV resistant  
**Sheath colour:** purple

## Application:

BiT CAN-BUS Drag Chain cable for data transmission in CAN (Control Area Network) is designed for continuous operation in drag chains withstanding at least 10mln bending cycles within a chain. Cable suitable both for indoor and outdoor applications. Cables classified according to **EN 50575 (CPR)**.

Cat. no.	nx2xmm	Outer diameter [mm]	Approx. cable weight [kg/km]	Cu [kg/km]
EB0050	1x2x0,34	7,0	60	30,0

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