- CAN = Controller Area Network

AUTOMATION ✓ **HALOGEN FREE** ✓ **MACHINE INDUSTRY** ✓ **POWER CHAIN** ✓ **UV RESISTANT** ✓

CANopen — cULus — **RoHS** ✓

Product description

Application range

- Fixed installation

Product Make-up

- 0.22 + 0.34 + 0.5: bare stranded conductor, 7-wire
  0.75: bare stranded conductor, fine-wire
- Colour-coded in accordance with DIN 47100
- Copper braid
- PVC sheath
- Colour: violet (RAL 4001)

Norm references / Approvals

- Standardised internationally in ISO 11898
- UL/CSA type CMX (UL 444)

Product features

- Maximum bit rate: 1 Mbit/s for 40 m
  segment length
- Larger conductor cross-section is necessary with increasing length. Refer to the table below (reference values from ISO 11898).
- ISO 11898 makes recommendations for the segment length, cable cross section and bit rate
- Flame-retardant according IEC 60332-1-2

Technical Data

Mutual capacitance	(800 Hz): max. 40 nF/km
Peak operating voltage	(not for power applications) 250 V
Conductor resistance	(loop): max. 186 ohm/km
Minimum bending radius	Fixed installation: 8 x outer diameter
Test voltage	Core/core: 1500 V rms
Temperature range	Fixed installation:
	-30°C to +80°C
	Flexing: -5°C to +70°C
Characteristic impedance	120 ohm