

Foundation Fieldbus Type B



Technical data

- **Rated temperature:** 75°C
- **Nominal voltage:** 300 V
- **Velocity of propagation:** 66%
- **Impedance:** 150 Ohm
- **Conductor resistance at 20°C:** 56.0 Ohm/km
- **Attenuation:**

0.01 MHz	0.39	dB/km
0.10 MHz	0.66	dB/km
0.50 MHz	2.99	dB/km
1.00 MHz	4.53	dB/km

Cable structure

- **Conductor:** tinned copper, 22(7)AWG 0,34 mm²
- **Core insulation:** polyolefin
- **Stranding element:** Double core
- **Shielding:** aluminium/polyester foil
- **Drain wire:** tinned copper
- **Optional armor:** SWA
- **Outer sheath material:** PVC/LSZH
- **Cable external diameter:** PVC/LSZH 4.9 mm

Standard:

- Foundation Fieldbus Spec. FF-813-1.4

Application

The cable is designed for the Fieldbus cable for type B applications (31.25 Kbit/s).