

FOUNDATION FIELDBUS BUS-FF



DERZEIT KEIN BILD VERFÜGBAR. | NO IMAGE AVAILABLE.

Application: Foundation Fieldbus cable for use in process automation, maximum transmission distance up to 1900 m.

Construction and technical data:

Standard:	UL/CSA CMG/PLTC-ER
Conductor material:	copper, bare
Conductor construction:	strand, 7-wired construction
Insulation:	polyolefin
Stranding unit:	pair
Core wrapping:	PET-foil
Screen:	plastic coated Al-foil + copper drain wire, tinned
Screen coverage:	85 %
Sheathing material:	special PVC-compound
Flame-retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Cat. C)
UV-resistant:	yes
Oil-resistant:	yes
For outdoor use:	yes
Permitted outer cable temperature, fixed, °C:	-40 - +80 °C
Permitted outer cable temperature, moved, °C:	-10 - +70 °C
Bending radius, fixed installation:	5 x Ø
Bending radius, moving application:	10 x Ø
Impedance:	100 Ohm
Insulation resistance:	5000 MOhm \times km



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

FOUNDATION(TM) Fieldbus cables

Loop resistance: 43.8 Ohm/km
Maximum operating capacity: 60 nF/km
Test voltage: 1.5 kV
Core identification: orange, blue
peak operating voltage, V: 300 V

part no.	part name	Ø [mm]	Cu [kg/km]	G [kg]
101621	TYP 1A 1X2XAWG 18/7 FR 100 ohm OG UL 13 & IEC 61158-2	7.3	45	73

Ø outer diameter approx.

Cu Copper weight (GER)

G net weight per 1000