



**Profibus-cable | for fixed installation, 1x2x0.64mm, 12 Mbaud**

<b>Electrical data</b>	
Rated voltage	250V
Insulation resistance	5GΩ*km
Mutual capacitance	30nF/km (800Hz)
Characteristic impedance	150Ω +/-15 Ohm (9.6kHz)
	150Ω +/-15 Ohm (38.4kHz)
	150Ω +/-15 Ohm (3 bis 20MHz)
Loop resistance	110Ω (100Mhz)
Attenuation	9.6kHz ≤0.3dB/100m
	38.4kHz ≤0.5dB/100m
	4MHz ≤2.2dB/100m
	16MHz ≤4.5dB/100m
Test voltage	1500V
<b>Mechanical data</b>	
Conductor construction	7-wire strand
Cross section	0.34mm² (AWG22)
max. Bending radius, fixed installation	10x Kabeldurchmesser
Weight	57kg/km (38lb/1000ft)
Cable outer diameter	8.0mm ±0.3mm (0,213")
Conductor material	copper, blank
Optical covering factor of shielding	85%
Wall thickness of wire insulation	0.955mm
Wall thickness of jacket	1.00mm
Jacket color	violet (similar to RAL 4001)
Jacket material	PVC (Polyvinylchlorid)
Wire insulation material	Wire a = red, Wire b = green
Wire insulation material	PE (Polyethylen)
Printing on the jacket	BECKHOFF AUTOMATION ZB3200 PROFIBUS-DP 1x2x0,64 + "DDMMYY" – "sequential length in meters"
Printing color	black
<b>Environmental data</b>	
Operation temperature range, fixed installation	-40°C up to 80°C (-40°F up to 176°F)
UV resistance	yes
Other characteristics	RoHS-conform, flame resistant according to IEC 60332
<b>Ordering information</b>	
ZB3200	product sold by meter