



Profibus L2 Drag Chain (Track)

Application:

This system cable is used to interconnect L2-BUS components. This cable is an economical solution for the cell and field area. For the information exchange between different automation systems as well as for communication with the connected decentralized field units, serial field bus systems are used. The above mentioned types are suitable for drag chains (stranded).



Construction:

Type/Area of Application	Drag Chain Applications
Cable Construction	1x2x0.64 mm (stranded)
Inner Conductor Diameter	Copper, bare (AWG 24/19)
Conductor Insulation	Foam-skin-PE
Conductor Colors	Red, green
Stranding Element	2 conductors + 2 fillers stranded together
Shielding	Polyester foil, aluminum-lined
Total Shielding	Cu braid, tinned
Outer Jacket Material	PUR
Outer Diameter	8.0 mm ± 0.4 mm
Outer Jacket Color	Violet





Electrical Data:

Characteristic Impedance@3-20Hz	150 Ω ± 10 Ω				
Conductor Resistance	82.0 Ohm/km max.				
Insulation Resistance	1.00 GOhm x km min.				
Mutual Capacitance@1KHz	30.0 nF/km nom.				
Working Voltage	Max: 250 V				
Test Voltage	1.5 kV				
Attenuation	9.6	kHz	<	3.0	dB/km
	38.4	kHz	<	5.0	dB/km
	4.0	MHz	<	25.0	dB/km
	16.0	MHz	<	52.0	dB/km

Technical Data:

Weight	approximately 65.0 kg/km
Min. Bending Radius (Laying)	7.5 x OD mm
Operating Temp.Range, min.	-40 °C
Operating Temp.Range, max.	+70 °C

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