



### CONTACT

Market information  
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DeviceNet cables with PUR jacket for drag chain applications, shielded, oil resistant, flame retardant

### STANDARDS

**Product** UL and CSA approval

### APPLICATIONS

DeviceNet is one of the world's leading device-level networks for industrial automation. This bus system offers data transmission and power supply in one cable. The special twisting design allows higher bending cycles than competitors traditional parallel twisting.

### Normative references

UL recognized  
 CSA approval



Operating temp.  
 -20 ... 80 °C



Storage temperature, range  
 -30 ... 80 °C



Oil resistance  
 EN 50363-10-2



Flame retardant  
 IEC/EN 60332-1-2; FT1; UL 1581 FT1

## CHARACTERISTICS

### Construction characteristics

Conductor material	Stranded tinned copper
Insulation	Foam-skin
Insulation colour	Red, black, white, blue
Drain wire	Stranded tinned copper
Individual screen	Aluminium / Polyester tape
Shielding	70% tinned copper coverage
Taping	Non woven tape
Outer sheath	PUR
Sheath colour	Violet RAL 4001

### Electrical characteristics

Rated Voltage U <sub>o</sub> /U	300 V
Characteristic impedance	120 Ohm
Test voltage	2000 V



### Mechanical characteristics



Bending cycles	5 Mio.
Speed	180 m/min
Maximum acceleration	7 m/s <sup>2</sup>

### Usage characteristics

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-20 ... 80 °C
Storage temperature, range	-30 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1

## PRODUCT LIST

Reference	Country Ref.	Name	Construction type	Nominal outer diameter [mm]	Copper content [kg/km]
 10553014	13-DRW15Z04P	DEVICENET SPECIALFLEX FIELDBUS (1x2x1,8+1x2x1)C	(1x2x1.8+1x2x1)C	11.8	88
 10553015	13-DRW22Z04P	DEVICENET SPECIALFLEX FIELDBUS (1x2x0,34+1x2x0,22) C	(1x2x0.34+1x2x0.22)C	7.0	28

 = Make to order,  = In stock,