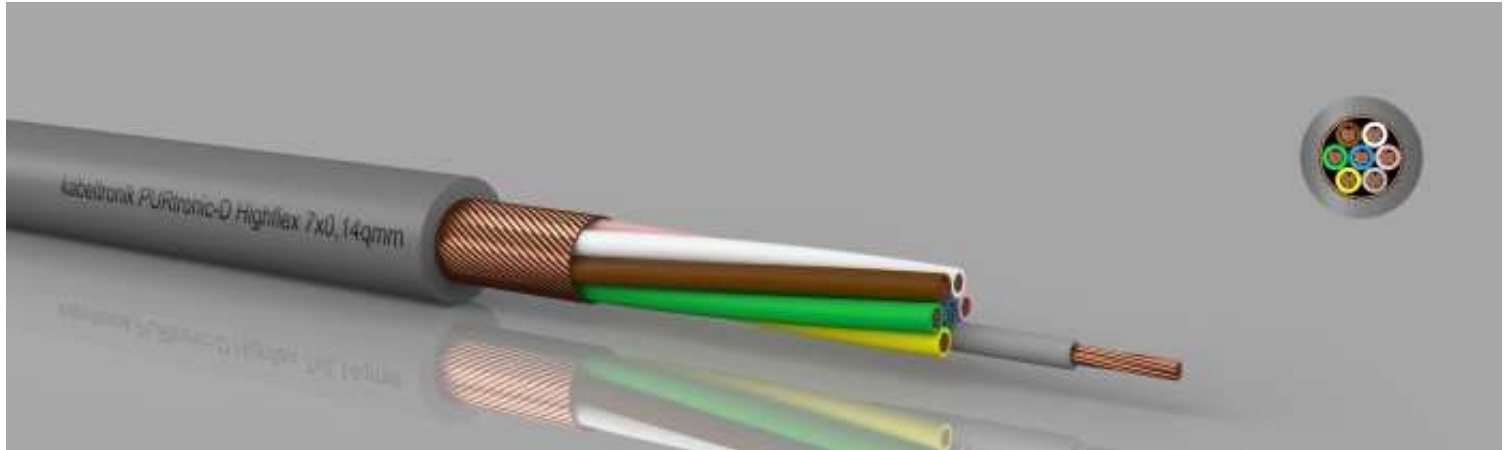


## Control cables

### PURtronic-D Highflex

**Application:**

Very flexible, shielded and halogen-free control cable with PUR outer jacket. For measuring-, signal, control-, and regulation technology. High flexibility and small outside diameter as well as mechanical and chemical resistance characterises these cables.

**Construction:**

Conductor:	bare stranded copper wire
Structure of conductor:	18x0,10mm
Core diameter:	approx. 0,80mm
Core insulation:	TPE-E (Hytrel®), halogen-free
Color sequence:	DIN 47100
Winding:	cores in layers
Shield:	bare copper spiral shield
Jacket:	PUR, halogenfree, grey sim. RAL 7001



### Technical characteristics:

Insulation resistance:	min. 10M $\Omega$ x km at +20 $^{\circ}$ C
Conductor resistance:	128,0 $\Omega$ /km
Operating voltage:	500V
Testing voltage:	1200V
Temperature range:	static: -40 $^{\circ}$ C to +80 $^{\circ}$ C dynamic: -20 $^{\circ}$ C to +80 $^{\circ}$ C
bending radius:	static: 8 x O.D. dynamic: 12 x O.D.

### Packaging:

rings at 100m

### Product range

#### PURtronic-D Highflex

Order no.	dimension (qmm)	O.D. (ca. mm)	weight (kg/km)	co.-weight (kg/km)
213021400	2x0,14	3,2	14,5	6,9
213031400	3x0,14	3,4	16,5	8,4
213041400	4x0,14	3,5	18,9	10,3
213051400	5x0,14	3,7	22,0	12,2
213071400	7x0,14	4,0	27,8	15,4
213081400	8x0,14	4,3	30,4	17,4
213101400	10x0,14	4,8	35,3	20,2