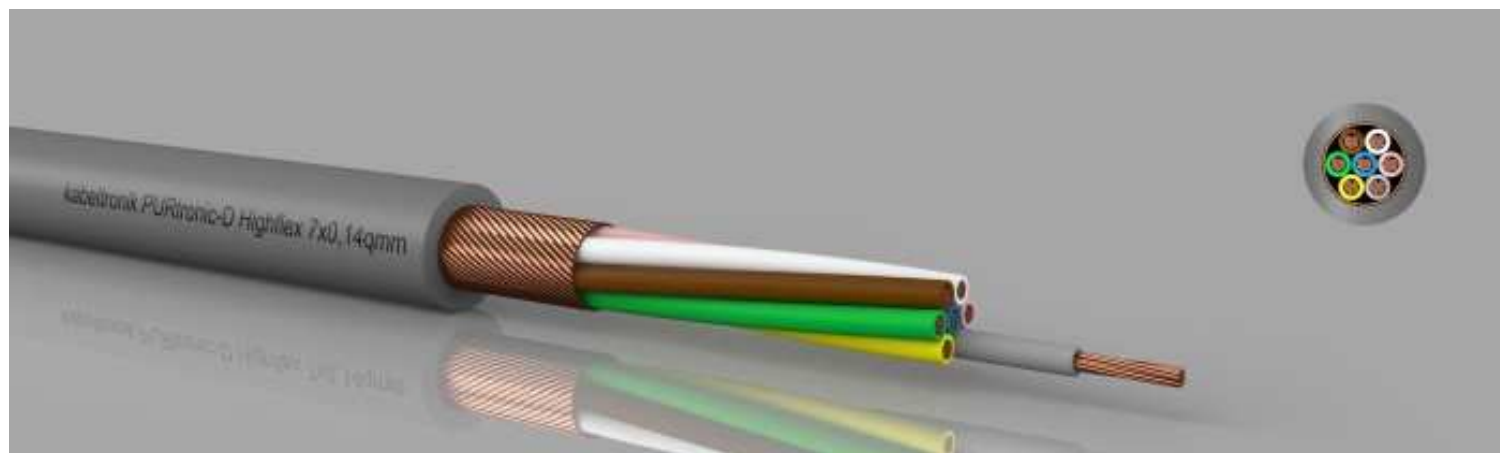


## Control cables

### 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. 10MOhm x km at +20°C |
| Conductor resistance:  | 128,0 Ohm/km              |
| Operating voltage:     | 500V                      |
| Testing voltage:       | 1200V                     |
| Temperature range:     | static: -40°C to +80°C    |
|                        | dynamic: -20°C to +80°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<br>(qmm) | O.D.<br>(ca. mm) | weight<br>(kg/km) | co.-weight<br>(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                  |