

ROBOFLEX C PUR class 6

Cable Structure:

- Bare copper, bunch stranded to DIN VDE 0295 cl.6, col4 and IEC 60228 cl.6, extra fine wire conductors
- Black cores with continuous white numbering
- Green/Yellow earth core in the outer layer from 3 cores and above
- Special core insulation, modified PP
- Cores stranded in layers with optimal selected lay-length
- Special core wrapping over each layer
- Special full-polyurethane outer jacketed TMPU to DIN EN 50363-10-2, black mat to prevent adhesion
- Optimized screening braiding of tinned copper wires

Technical Data:

- Nom. Voltage: 300/500V
- Test Voltage: 4000V
- Temperature Range:
 - Flexing: -30°C.....+80°C
 - Fixed: -40°C.....+80°C
- Temperature at conductor: +70°C in operation; +150°C in case of short circuit
- Flame retardant: acc. to Din EN 60332-1-2
- Oil Resistant: acc. to DIN EN 50363-10-2 / DIN EN 60811-2-1
- Bending radius: 7,5 x diameter

Application

The special cable for drag chains are used for permanent flexible applications in machineries, machine tools, multi-shift, machinery parts, for movable automated and robot technics operation.

Dimension N x mm	Outerdiameter mm	Copper weight kg/km	Total kg/km
4 G 0,75	7,4	58	114
7 G 0,75	8,7	85,5	167
12 G 0,75	10,7	126	235
2 x 1,5	7,7	58	116
3 G 1,5	8,5	76	139
4 G 1,5	9,1	91,3	157
7 G 1,5	12,3	145	252
12 G 1,5	13,7	242,2	419
3 G 2,5	9,6	110	197
4 G 2,5	10,8	135,5	233