

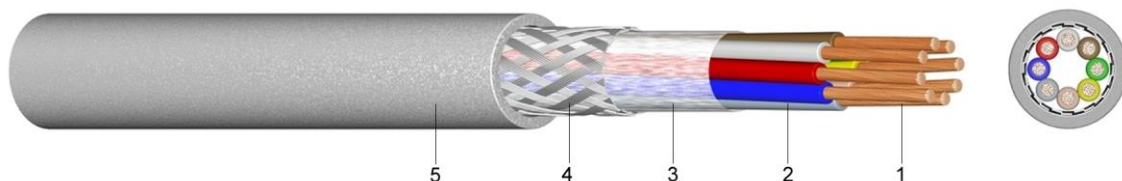


S 369 C TP

PUR Cable Chain Data Cable with Copper Braiding

Application:

This highly flexible pair wise stranded cable chain data cable is best suited for different industrial areas such as machine construction, the automobile and communications industry, as well as for steering, controlling and measuring machinery. It is particularly useful for machinery that is put to prolonged use, such as machine controls. The paired cable suppresses electrical couplings of individual signals whilst effectively lowering near- and crosstalk attenuation. The copper braiding should be fully connected to optimise protection against high frequency external interference (EMC).



Construction:

- 1 very fine-stranded bare copper
- 2 core insulation of thermoplastic polyester elastom (TPE-E) or polypropylene (PP)
- 3 wrapping of fine cotton binding
- 4 screen of tinned copper braiding
- 5 outer sheath of polyurethane (PUR), grey, poor in adhesion, oil and abrasion resistant, UV-resistant

Standards:

in according with DIN VDE 0812
 DIN EN 60228 class 6 (construction)
 in according with DIN 47100 or factory style (core identification)

Technical data:

| | | | |
|-------------------|-----------|--------------------------|------------------|
| Ceiling voltage | [V] | till 0,34mm ² | 250 Volt |
| | [V] | from 0,50mm ² | 350 Volt |
| Test voltage | | [V] _{Ac} | 1500 |
| Temperature range | in motion | | -30°C till +80°C |
| Bending radius | min. | x diameter | 7,5 |
| Oil-resistant | standard | | EN 60811-2-1 |
| Flammability | standard | | EN 60332-1-2 |

| Number of cores and nominal cross section mm ² | from stock | Copper figure | Wire diameter | Overall diameter | Weight |
|---|------------|---------------|---------------|------------------|---------------|
| | | kg/km | mm | appr. mm | appr. kg / km |
| 2 x 2 x 0,14 | ● | 17 | 0,10 | 6,1 | 42 |
| 3 x 2 x 0,14 | ○ | 21 | 0,10 | 6,4 | 54 |
| 4 x 2 x 0,14 | ● | 28 | 0,10 | 6,9 | 59 |
| 5 x 2 x 0,14 | ○ | 38 | 0,10 | 7,4 | 75 |
| 6 x 2 x 0,14 | ○ | 51 | 0,10 | 7,6 | 91 |
| 8 x 2 x 0,14 | ○ | 57 | 0,10 | 8,7 | 109 |
| 10 x 2 x 0,14 | ○ | 63 | 0,10 | 10,1 | 120 |



| Number of cores and nominal cross section mm ² | from stock | Copper figure kg/km | Wire diameter mm | Overall diameter appr. mm | Weight appr. kg / km |
|--|------------|---------------------------|------------------------|------------------------------------|----------------------------|
| 2 x 2 x 0,25 | ● | 33 | 0,10 | 7,1 | 62 |
| 3 x 2 x 0,25 | ○ | 40 | 0,10 | 7,4 | 68 |
| 4 x 2 x 0,25 | ● | 46 | 0,10 | 8,4 | 97 |
| 5 x 2 x 0,25 | ○ | 53 | 0,10 | 9,0 | 105 |
| 6 x 2 x 0,25 | ○ | 75 | 0,10 | 9,8 | 133 |
| 8 x 2 x 0,25 | ○ | 77 | 0,10 | 11,5 | 153 |
| 10 x 2 x 0,25 | ○ | 95 | 0,10 | 12,8 | 191 |
| 14 x 2 x 0,25 | ○ | 114 | 0,10 | 13,4 | 214 |
| 2 x 2 x 0,34 | ○ | 27 | 0,10 | 6,1 | 50 |
| 3 x 2 x 0,34 | ○ | 35 | 0,10 | 6,4 | 54 |
| 4 x 2 x 0,34 | ○ | 45 | 0,10 | 7,0 | 66 |
| 5 x 2 x 0,34 | ○ | 56 | 0,10 | 7,5 | 77 |
| 6 x 2 x 0,34 | ○ | 63 | 0,10 | 8,4 | 99 |
| 8 x 2 x 0,34 | ○ | 88 | 0,10 | 9,4 | 122 |
| 10 x 2 x 0,34 | ○ | 98 | 0,10 | 10,5 | 146 |
| 2 x 2 x 0,5 | ● | 53 | 0,16 | 9,3 | 102 |
| 3 x 2 x 0,5 | ○ | 75 | 0,16 | 10,0 | 127 |
| 4 x 2 x 0,5 | ● | 77 | 0,16 | 11,1 | 152 |
| 5 x 2 x 0,5 | ○ | 88 | 0,16 | 11,9 | 171 |
| 6 x 2 x 0,5 | ○ | 105 | 0,16 | 12,8 | 195 |
| 8 x 2 x 0,5 | ○ | 149 | 0,16 | 15,7 | 251 |
| 10 x 2 x 0,5 | ○ | 182 | 0,16 | 17,6 | 348 |
| 2 x 2 x 0,75 | ○ | 63 | 0,16 | 9,7 | 113 |
| 3 x 2 x 0,75 | ○ | 90 | 0,16 | 10,9 | 161 |
| 4 x 2 x 0,75 | ○ | 105 | 0,16 | 11,5 | 170 |
| 5 x 2 x 0,75 | ○ | 119 | 0,16 | 12,5 | 205 |
| 6 x 2 x 0,75 | ○ | 139 | 0,16 | 13,4 | 229 |
| 8 x 2 x 0,75 | ○ | 199 | 0,16 | 16,4 | 345 |
| 10 x 2 x 0,75 | ○ | 267 | 0,16 | 19,3 | 459 |
| 12 x 2 x 0,75 | ○ | 286 | 0,16 | 16,4 | 351 |