

MURR T-Flex High Flex Feedback Cable

85811000

(6x2x0,50mm²)

Application

- Data feedback applications
- Suitable for continuous flexing applications in drag chains and automated/robotic applications
- PUR cable jacket, low adhesion and abrasion resistant
- Exceptional for industrial environments in mechanical engineering
- Suitable for torsional applications
- Free of silicone and PWIS

Construction

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| ▪ Conductors/Cross Section | (6x2x0,50mm ²) |
| ▪ Jacket Material | PUR HFFR matt surface, low adhesion |
| ▪ Color | Black |
| ▪ Outer Diameter | 10.8mm ±0,50mm |
| ▪ Wrapping | Overall fleece and PTFE tape |
| ▪ Overall Shield | Braided tinned copper wires
Optical cover approx. 100% |
| ○ 6x2x0,5mm ² | |
| ▪ Conductor Category | DIN VDE 0295 / IEC 60228 class 6 |
| ▪ Insulation material | TPE |
| ▪ Pair Stranding Jacket Color | Color Code per DIN 47100
White – Brown
Green – Yellow
Grey – Pink
Blue – Red
Black – Violet
Grey/Pink – Red/Blue
Conductors stranded as pair with PTFE tape |

Technical Data

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| ▪ Nominal Voltage | 600V |
| ▪ Test Voltage | Conductor-Conductor: 2,5kV
Conductor-Shield: 1,0kV |
| ▪ Conductor Resistance | (Ω/km@20°C): DIN VDE 0295 / IEC 60228 |
| ▪ Torsional Angle | ±180°/m |
| ▪ Min. Bend radius | 7,5xø (optimal 10xø) |
| ▪ Cable Weight | 166,2 Kg/Km |
| ▪ Copper Weight | 78,9 Kg/Km |
| ▪ Operating Temperature | -40°C to +80°C |
| ▪ Oil Resistance | UL 758 and EN 50363-10-2 |