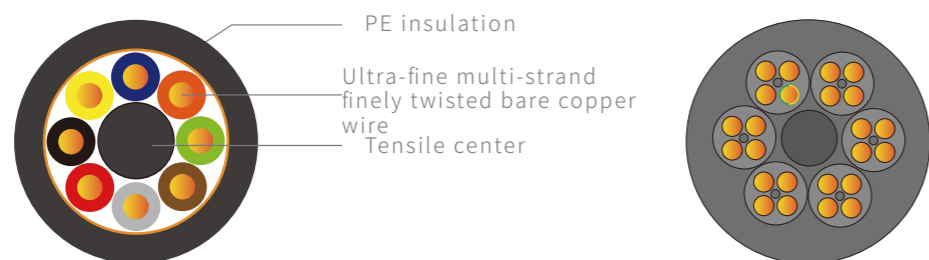


PUR series drag chain cable/Unshielded drag chain cable DP-800P Signal line

sketch map



Technical parameter:

Conductor: Ultra-fine multi-stranded bare copper wire stranded conductor. (six categories)

Insulation: PE insulation mixture

Core wire color: color differentiation

Core wire stranding: stranding with short pitch or bundle splitting

Outer sheath: PUR polyurethane, adjusted to meet drag chain requirements;

Colors can be matched according to customer requirements

Minimum bending radius: mobile application: 8xd; Fixed installation: 5xd

Operating temperature range: Mobile installation: -5°C to +80°C;

Fixed installation: -30°C to +80°C

Rated voltage: 300V

Test voltage: 2000V

Product characteristics:

It has flexibility and durability,

Flame retardancy in accordance with IEC 60332-1-2, CEI 20-35, FT1, VW-1;

Designed for bending cycles up to 5-10 million times in power drag chains.

Application scope:

Suitable for data transmission, measurement, and electronic control equipment.

Product standards:

| Material code | Number of cores and nominal cross-section of conductors mm^2 | Approximate outer diameter $[\text{mm}^2]$ | Cable weight kg/km |
|-----------------|---|--|------------------------------------|
| DP-800P-2-0.14 | 2x0.14 | 3.2 | 10 |
| DP-800P-3-0.14 | 3x0.14 | 3.4 | 13 |
| DP-800P-4-0.14 | 4x0.14 | 3.6 | 15.9 |
| DP-800P-5-0.14 | 5x0.14 | 3.9 | 19.2 |
| DP-800P-7-0.14 | 7x0.14 | 4.2 | 25.4 |
| DP-800P-8-0.14 | 8x0.14 | 4.9 | 32.2 |
| DP-800P-12-0.14 | 12x0.14 | 5.6 | 45.4 |
| DP-800P-16-0.14 | 16x0.14 | 6.1 | 56.1 |
| DP-800P-20-0.14 | 20x0.14 | 7 | 67.8 |
| DP-800P-25-0.14 | 25x0.14 | 7.8 | 84.2 |
| DP-800P-40-0.14 | 40x0.14 | 9.1 | 136.1 |
| DP-800P-50-0.14 | 50x0.14 | 10.4 | 167.9 |
| DP-800P-2-0.25 | 2x0.25 | 3.8 | 15 |
| DP-800P-3-0.25 | 3x0.25 | 4 | 19 |
| DP-800P-4-0.25 | 4x0.25 | 4.3 | 23.2 |
| DP-800P-5-0.25 | 5x0.25 | 4.7 | 28 |
| DP-800P-7-0.25 | 7x0.25 | 5.1 | 39 |
| DP-800P-8-0.25 | 8x0.25 | 6.2 | 46.2 |
| DP-800P-12-0.25 | 12x0.25 | 7 | 64 |
| DP-800P-16-0.25 | 16x0.25 | 7.7 | 81.3 |
| DP-800P-20-0.25 | 20x0.25 | 8.6 | 99 |
| DP-800P-25-0.25 | 25x0.25 | 9.6 | 131 |
| DP-800P-40-0.25 | 40x0.25 | 12 | 197 |
| DP-800P-50-0.25 | 50x0.25 | 12.9 | 254.1 |
| DP-800P-2-0.34 | 2x0.34 | 4.2 | 22 |
| DP-800P-3-0.34 | 3x0.34 | 4.4 | 28 |
| DP-800P-4-0.34 | 4x0.34 | 4.8 | 40.2 |
| DP-800P-5-0.34 | 5x0.34 | 5.5 | 50.8 |
| DP-800P-7-0.34 | 7x0.34 | 5.9 | 59 |
| DP-800P-8-0.34 | 8x0.34 | 6.2 | 66.2 |
| DP-800P-12-0.34 | 12x0.34 | 7.8 | 99 |
| DP-800P-16-0.34 | 16x0.34 | 8.7 | 124 |
| DP-800P-20-0.34 | 20x0.34 | 9.6 | 156.3 |
| DP-800P-25-0.34 | 25x0.34 | 11.2 | 187 |
| DP-800P-40-0.34 | 40x0.34 | 13.5 | 314 |
| DP-800P-50-0.34 | 50x0.34 | 15 | 404 |