

Fixed Installation Cables



H05V-K PVC insulated wiring

H07V-K PVC insulated single conductor

RoHS

H05V-K H07V-K CE RoHS

Construction (케이블구성)

| | |
|-----------------------------|-----------------------------------------------------------------------------------------|
| Conductor (도체) | tinnde copper strands acc.to DIN VDE 0295 class5 IEC 60228 class5 – HD 383 class5 |
| Insulation (내피재질) | PVC acc.to DIN VDE 0281 part1 |
| Sheath colour (외피색상) | black |

Outstanding features (특징)

- ▶ LiY : 250 V
- ▶ H05V-K : 300 / 500 V
- ▶ H07V-K : 450 / 750 V
- ▶ flexible single wire
- ▶ harmonised acc.to European standards

Technical data (기술사양)

| | | |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------|
| Nominal voltage H05V2-K H05V-K | DIN VDE U ₀ /U 300/500V | UL / CSA 600V |
| Nominal voltage H07V2-K H07V-K | DIN VDE U ₀ /U 450/750V | UL / CSA 600V |
| Testing voltage H05V2-K H05V-K | 2000V acc. to DIN VDE 0281 part2 + HD21.1 | |
| Testing voltage H07V2-K H07V-K | 2500V acc. to DIN VDE 0281 part2 + HD21.2 | |
| Min. bending radius (곡률반경) fixed laying flexible application | 4 x d 6 x d | |
| Temperature range (사용온도) fixed laying flexible application | DIN VDE -40°C / +90°C +5°C / +90°C | UL / CSA up to -105°C up to -105°C |
| Fire performance (내화성관련) | flame retardant and self-extinguishing acc. to IEC 60332-1 UL VW-1 and CSA FT1 | |

| part Nr | No.of pairs and mm ² | oyt dia.mm | copper weight kg/km | weight kg/km |
|------------|------------------------------------|------------|------------------------|-----------------|
| 4140 ** 01 | 0.14 | 2 | 1.3 | 6 |
| 4140 ** 02 | 0.25 | 2.2 | 2.4 | 7 |
| 4140 ** 03 | 0.34 | 2.3 | 3.3 | 9 |
| 4150 ** 05 | 0.5 | 2.5 | 5.1 | 11 |
| 4150 ** 07 | 0.75 | 2.7 | 7.2 | 14 |
| 4150 ** 10 | 1 | 2.8 | 9.6 | 16 |
| 4150 ** 15 | 1.5 | 3.1 | 14.4 | 20 |
| 4150 ** 25 | 2.5 | 3.7 | 24 | 32 |
| 4150 ** 40 | 4 | 4.2 | 38.4 | 50 |
| 4150 ** 60 | 6 | 4.8 | 57.6 | 66 |
| 4150 ** 61 | 10 | 6.8 | 96 | 121 |
| 4150 ** 62 | 16 | 9.1 | 152.6 | 211 |
| 4150 ** 63 | 25 | 10.6 | 240 | 303 |
| 4150 ** 64 | 35 | 11.8 | 336 | 407 |
| 4150 ** 65 | 50 | 15.2 | 480 | 600 |
| 4150 ** 66 | 70 | 16.2 | 672 | 790 |
| 4150 ** 67 | 95 | 19.3 | 912 | 1067 |
| 4150 ** 68 | 120 | 20.8 | 1152 | 1277 |
| 4150 ** 69 | 150 | 22.5 | 1440 | 2085 |
| 4150 ** 70 | 185 | 24.9 | 1776 | 2450 |
| 4150 ** 71 | 240 | 28.4 | 2304 | 3160 |

| | | | |
|------|-----------------|------------|------------|
| **) | 00 green/yellow | VDE | UL / CSA |
| | 01 black | 41□□ ** □□ | 42□□ ** □□ |
| | 02 blue | | |
| | 03 brown | | |
| | 04 beige | | |
| | 05 yellow | | |
| | 06 green | | |
| | 07 violet | | |
| | 08 pink | | |
| | 09 orange | | |
| | 10 transparent | | |
| | 11 red | | |
| | 12 white | | |
| | 13 grey | | |

