華光電線電纜股份有限公司 HILIGHT ELETRIC WIRE & CABLE CO.,LTD.

# UL Style 2586

## PVC Jacketed Cable

## Description:

Conductor: Stranded Soft Bare or Tinned Copper
Insulation: PVC
Core Number: Two or More Core
Shield: Optional
Jacket: PVC
Characteristics:
Rating Temperature: 105ºC
Rating Voltage : 600 V. AC
UL VW-1 Flame Test Approved
UL Oil Resistant Test at 60ºC Approved
Use:External interconnection of Electronic Equipment

## Construction:


| UL/CSA | Rating | | Size | Conductor | PVC Insulation | | Assembly | PVC Jacket | | Dielectric Voltage | Standard Length | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Style No. | Max. Volt. | Max. Temp. | AWG or MCM | No./mm | Thickness Min.Avg. mm | Approx. O.D. mm | Core/No. | Thickness Min.Avg. mm | Approx. O.D. mm | KV/1 min. | FT | M | Packing |
| 2586 | 600V | 105ºC | 20 | 11/0.250 | 0.762 | 2.7 | 2C | 0.762 | 7.1 | 2.0 | 328 | 100 | Coil |
| | | | 18 | 17/0.250 | 0.762 | 2.9 | 2C | 0.762 | 7.5 | 2.0 | 328 | 100 | Coil |
| | | | 16 | 26/0.254 | 0.762 | 3.2 | 2C | 0.762 | 8.1 | 2.0 | 328 | 100 | Coil |
| | | | 14 | 41/0.254 | 0.762 | 3.6 | 2C | 0.762 | 8.9 | 2.0 | 328 | 100 | Coil |
| | | | 12 | 65/0.254 | 0.762 | 4.1 | 2C | 0.762 | 9.9 | 2.0 | 328 | 100 | Coil |
| | | | 10 | 104/0.254 | 0.762 | 4.7 | 2C | 0.762 | 11.1 | 2.0 | 328 | 100 | Coil |
| | | | 8 | 165/0.254 | 1.143 | 6.7 | 2C | 0.762 | 15.1 | 2.0 | 328 | 100 | Coil |
| | | | 6 | 263/0.254 | 1.524 | 8.5 | 2C | 0.762 | 18.7 | 2.0 | 328 | 100 | Coil |
| | | | 4 | 417/0.254 | 1.524 | 9.9 | 2C | 1.524 | 23.1 | 2.0 | 328 | 100 | Coil |
| | | | 2 | 664/0.254 | 1.524 | 11.6 | 2C | 1.524 | 26.5 | 2.0 | 328 | 100 | Coil |
| | | | 1 | 837/0.254 | 2.032 | 14.1 | 2C | 2.032 | 32.6 | 2.5 | 1000 | 305 | Reel |
| | | | 1/0 | 1056/0.254 | 2.032 | 15.2 | 2C | 2.032 | 34.8 | 2.5 | 1000 | 305 | Reel |
| | | | 2/0 | 1331/0.254 | 2.032 | 16.6 | 2C | 2.032 | 37.6 | 2.5 | 1000 | 305 | Reel |
| | | | 3/0 | 1678/0.254 | 2.032 | 18.0 | 2C | 2.032 | 40.4 | 2.5 | 1000 | 305 | Reel |
| | | | 4/0 | 2116/0.254 | 2.032 | 19.8 | 2C | 2.792 | 45.4 | 2.5 | 1000 | 305 | Reel |
| | | | 250MCM | 2507/0.254 | 2.42 | 21.8 | 2C | 2.792 | 49.4 | 3.0 | 1000 | 305 | Reel |
| 2586 | 600V | 105ºC | 20 | 11/0.250 | 0.762 | 2.7 | 3C | 0.762 | 7.5 | 2.0 | 328 | 100 | Coil |
| | | | 18 | 17/0.250 | 0.762 | 2.9 | 3C | 0.762 | 7.9 | 2.0 | 328 | 100 | Coil |
| | | | 16 | 26/0.254 | 0.762 | 3.2 | 3C | 0.762 | 8.6 | 2.0 | 328 | 100 | Coil |

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## PVC Jacketed Cable

| UL/CSA | Rating | | Size | Conductor | PVC Insulation | | Assembly | PVC Jacket | | Dielectric Voltage | Standard Length | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Style No. | Max. Volt. | Max. Temp. | AWG or MCM | No./mm | Thickness Min.Avg. mm | Approx. O.D. mm | Core/No. | Thickness Min.Avg. mm | Approx. O.D. mm | KV/1 min. | FT | M | Packing |
| 2586 | 600V | 105°C | 14 | 41/0.254 | 0.762 | 3.6 | 3C | 0.762 | 9.4 | 2.0 | 328 | 100 | Coil |
| | | | 12 | 65/0.254 | 0.762 | 4.1 | 3C | 0.762 | 10.5 | 2.0 | 328 | 100 | Coil |
| | | | 10 | 104/0.254 | 0.762 | 4.7 | 3C | 0.762 | 11.8 | 2.0 | 328 | 100 | Coil |
| | | | 8 | 165/0.254 | 1.143 | 6.7 | 3C | 0.762 | 16.1 | 2.0 | 328 | 100 | Coil |
| | | | 6 | 263/0.254 | 1.524 | 8.5 | 3C | 1.524 | 21.6 | 2.0 | 328 | 100 | Coil |
| | | | 4 | 417/0.254 | 1.524 | 9.9 | 3C | 1.524 | 24.6 | 2.0 | 328 | 100 | Coil |
| | | | 2 | 664/0.254 | 1.524 | 11.6 | 3C | 1.524 | 28.2 | 2.0 | 328 | 100 | Coil |
| | | | 1 | 837/0.254 | 2.032 | 14.1 | 3C | 2.032 | 34.7 | 2.5 | 1000 | 305 | Reel |
| | | | 1/0 | 1056/0.254 | 2.032 | 15.2 | 3C | 2.032 | 37.1 | 2.5 | 1000 | 305 | Reel |
| | | | 2/0 | 1331/0.254 | 2.032 | 16.6 | 3C | 2.032 | 40.1 | 2.5 | 1000 | 305 | Reel |
| | | | 3/0 | 1678/0.254 | 2.032 | 18.0 | 3C | 2.032 | 44.5 | 2.5 | 1000 | 305 | Reel |
| | | | 4/0 | 2116/0.254 | 2.032 | 19.8 | 3C | 2.792 | 48.4 | 2.5 | 1000 | 305 | Reel |
| | | | 250MCM | 2507/0.254 | 2.42 | 21.8 | 3C | 2.792 | 52.6 | 3.0 | 1000 | 305 | Reel |
| 2586 | 600V | 105°C | 20 | 11/0.250 | 0.762 | 2.7 | 4C | 0.762 | 8.2 | 2.0 | 328 | 100 | Coil |
| | | | 18 | 17/0.250 | 0.762 | 2.9 | 4C | 0.762 | 8.7 | 2.0 | 328 | 100 | Coil |
| | | | 16 | 26/0.254 | 0.762 | 3.2 | 4C | 0.762 | 9.4 | 2.0 | 328 | 100 | Coil |
| | | | 14 | 41/0.254 | 0.762 | 3.6 | 4C | 0.762 | 10.4 | 2.0 | 328 | 100 | Coil |
| | | | 12 | 65/0.254 | 0.762 | 4.1 | 4C | 0.762 | 11.6 | 2.0 | 328 | 100 | Coil |
| | | | 10 | 104/0.254 | 0.762 | 4.7 | 4C | 0.762 | 12.0 | 2.0 | 328 | 100 | Coil |
| | | | 8 | 165/0.254 | 1.143 | 6.7 | 4C | 0.762 | 17.9 | 2.0 | 328 | 100 | Coil |
| | | | 6 | 263/0.254 | 1.524 | 8.5 | 4C | 1.524 | 23.9 | 2.0 | 328 | 100 | Coil |
| | | | 4 | 417/0.254 | 1.524 | 9.9 | 4C | 1.524 | 27.2 | 2.0 | 328 | 100 | Coil |
| | | | 2 | 664/0.254 | 1.524 | 11.6 | 4C | 2.032 | 32.4 | 2.0 | 328 | 100 | Coil |
| | | | 1 | 837/0.254 | 2.032 | 14.1 | 4C | 2.032 | 38.4 | 2.5 | 1000 | 305 | Reel |
| | | | 1/0 | 1056/0.254 | 2.032 | 15.2 | 4C | 2.032 | 41.1 | 2.5 | 1000 | 305 | Reel |
| | | | 2/0 | 1331/0.254 | 2.032 | 16.6 | 4C | 2.792 | 45.9 | 2.5 | 1000 | 305 | Reel |
| | | | 3/0 | 1678/0.254 | 2.032 | 18.0 | 4C | 2.792 | 49.3 | 2.5 | 1000 | 305 | Reel |
| | | | 4/0 | 2116/0.254 | 2.032 | 19.8 | 4C | 2.792 | 53.6 | 2.5 | 1000 | 305 | Reel |
| | | | 250MCM | 2507/0.254 | 2.42 | 21.8 | 4C | 2.792 | 58.4 | 3.0 | 1000 | 305 | Reel |
| 2586 | 600V | 105°C | 20 | 11/0.250 | 0.762 | 2.7 | 5C | 0.762 | 9.0 | 2.0 | 328 | 100 | Coil |
| | | | 18 | 17/0.250 | 0.762 | 2.9 | 5C | 0.762 | 9.5 | 2.0 | 328 | 100 | Coil |
| | | | 16 | 26/0.254 | 0.762 | 3.2 | 5C | 0.762 | 10.3 | 2.0 | 328 | 100 | Coil |
| | | | 14 | 41/0.254 | 0.762 | 3.6 | 5C | 0.762 | 11.4 | 2.0 | 328 | 100 | Coil |
| | | | 12 | 65/0.254 | 0.762 | 4.1 | 5C | 0.762 | 12.8 | 2.0 | 328 | 100 | Coil |
| | | | 10 | 104/0.254 | 0.762 | 4.7 | 5C | 0.762 | 14.4 | 2.0 | 328 | 100 | Coil |
| | | | 8 | 165/0.254 | 1.143 | 6.7 | 5C | 1.524 | 21.4 | 2.0 | 328 | 100 | Coil |
| | | | 6 | 263/0.254 | 1.524 | 8.5 | 5C | 1.524 | 26.3 | 2.0 | 328 | 100 | Coil |

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| UL/CSA | Rating | | Size | Conductor | PVC Insulation | | Assembly | PVC Jacket | | Dielectric Voltage | Standard Length | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Style No. | Max. Volt. | Max. Temp. | AWG or MCM | No./mm | Thickness Min.Avg. mm | Approx. O.D. mm | Core/No. | Thickness Min.Avg. mm | Approx. O.D. mm | KV/1 min. | FT | M | Packing |
| 2586 | 600V | 105°C | 4 | 417/0.254 | 1.524 | 9.9 | 5C | 2.032 | 31.1 | 2.0 | 1000 | 305 | Reel |
| 2586 | 600V | 105°C | 20 | 11/0.250 | 0.762 | 2.7 | 6C | 0.762 | 9.8 | 2.0 | 328 | 100 | Coil |
| | | | 18 | 17/0.250 | 0.762 | 2.9 | 6C | 0.762 | 10.4 | 2.0 | 328 | 100 | Coil |
| | | | 16 | 26/0.254 | 0.762 | 3.2 | 6C | 0.762 | 11.3 | 2.0 | 328 | 100 | Coil |
| | | | 14 | 41/0.254 | 0.762 | 3.6 | 6C | 0.762 | 12.5 | 2.0 | 328 | 100 | Coil |
| | | | 12 | 65/0.254 | 0.762 | 4.1 | 6C | 0.762 | 14.0 | 2.0 | 328 | 100 | Coil |
| | | | 10 | 104/0.254 | 0.762 | 4.7 | 6C | 0.762 | 15.8 | 2.0 | 328 | 100 | Coil |
| | | | 8 | 165/0.254 | 1.143 | 6.7 | 6C | 1.524 | 23.4 | 2.0 | 328 | 100 | Coil |
| | | | 6 | 263/0.254 | 1.524 | 8.5 | 6C | 2.032 | 30.0 | 2.0 | 1000 | 305 | Reel |
| | | | 4 | 417/0.254 | 1.524 | 9.9 | 6C | 2.032 | 34.1 | 2.0 | 1000 | 305 | Reel |
| 2586 | 600V | 105°C | 20 | 11/0.250 | 0.762 | 2.7 | 7C | 0.762 | 9.8 | 2.0 | 328 | 100 | Coil |
| | | | 18 | 17/0.250 | 0.762 | 2.9 | 7C | 0.762 | 10.4 | 2.0 | 328 | 100 | Coil |
| | | | 16 | 26/0.254 | 0.762 | 3.2 | 7C | 0.762 | 11.3 | 2.0 | 328 | 100 | Coil |
| | | | 14 | 41/0.254 | 0.762 | 3.6 | 7C | 0.762 | 12.5 | 2.0 | 328 | 100 | Coil |
| | | | 12 | 65/0.254 | 0.762 | 4.1 | 7C | 0.762 | 14.0 | 2.0 | 328 | 100 | Coil |
| | | | 10 | 104/0.254 | 0.762 | 4.7 | 7C | 0.762 | 15.8 | 2.0 | 328 | 100 | Coil |
| | | | 8 | 165/0.254 | 1.143 | 6.7 | 7C | 1.524 | 23.4 | 2.0 | 328 | 100 | Coil |
| | | | 6 | 263/0.254 | 1.524 | 8.5 | 7C | 2.032 | 30.0 | 2.0 | 1000 | 305 | Reel |
| | | | 4 | 417/0.254 | 1.524 | 9.9 | 7C | 2.032 | 34.1 | 2.0 | 1000 | 305 | Reel |