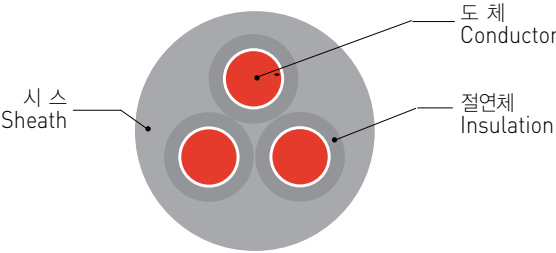
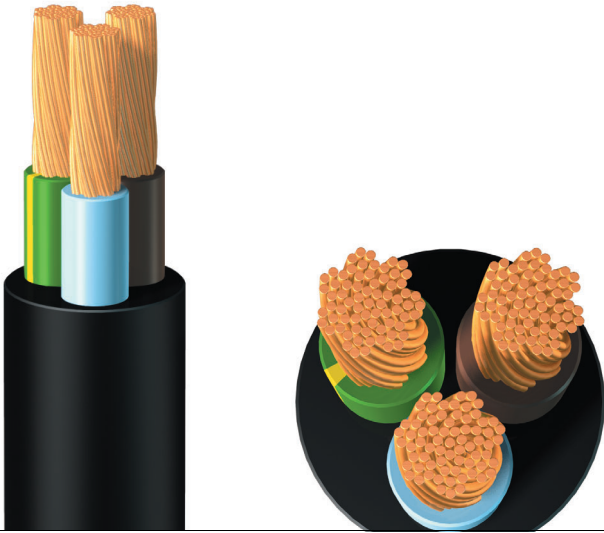


# 60227 KS IEC 53(VCTF) | 300/500V 범용비닐 시스 코드(70℃)RoHS



- **제품의 용도**
  - 주로 옥내에서 AC 300/500V 이하의 전기, 전자, 음향기기, 조명기기 등 소형전기 기구에 사용.

- **제품의 특성**
  - 정격: 최고허용전압 300/500V, 최고허용온도 70℃
  - 선심식별(참조규격: C IEC 60227-1)

| 선심수 | 사용되는 색상                 |
|-----|-------------------------|
| 1심  | 청색                      |
| 2심  | 청색, 갈색                  |
| 3심  | 녹색/황색, 하늘색, 갈색          |
| 4심  | 녹색/황색, 하늘색, 갈색, 흑색      |
| 5심  | 녹색/황색, 하늘색, 갈색, 흑색, 흑갈색 |

- 적용규격: KS C IEC 60227-5

- **Application of Product**
  - This cords is widely used in electrical, electronic, sound, lighting electrical home apparatus and etc under AC 300/500V.

- **Characteritics of Porduct**
  - Rating : Volt.[max.] 300/500V
  - Temp.[max.] 70℃

| No. of Core | Used Color                                       |
|-------------|--------------------------------------------------|
| 1Core       | Sky_Blue                                         |
| 2Core       | Sky_Blue, Brown                                  |
| 3Core       | Green/Yellow, Sky_Blue, Brown                    |
| 4Core       | Green/Yellow, Sky_Blue, Brown, Black             |
| 5Core       | Green/Yellow, Sky_Blue, Brown, Black, Dark_Brown |

- Core identification
- Standard : KS C IEC 60502-1

## 60227 KS IEC 53(VCTF)

| 선심수<br>Number<br>of<br>Cores | 도체 Conductor               |                                         |                              | 절연두께<br>Thickness<br>of<br>Insulation | 시스두께<br>Thickness<br>of<br>Sheath | 시스외경Sheath Overall Diameter |                | 최대도체저항 Max.Conductor |                                | 절연저항<br>Insulation<br>Resistance<br>(70℃) | 케이블<br>중량<br>Weight |
|------------------------------|----------------------------|-----------------------------------------|------------------------------|---------------------------------------|-----------------------------------|-----------------------------|----------------|----------------------|--------------------------------|-------------------------------------------|---------------------|
|                              | 도체등급<br>Conductor<br>Class | 최대소선경<br>Maximum<br>Diameter<br>of Wire | 외경(약)<br>Approx.<br>Diameter |                                       |                                   | 최소값<br>Minimum              | 최대값<br>Maximum | 동선<br>Copper         | 주석도금동선<br>Tin-coated<br>Copper |                                           |                     |
| core×sq mm                   | -                          | mm                                      | mm                           | mm                                    | mm                                | mm                          | mm             | Ω /km                | MΩ · km                        | MΩ · km                                   | kg/km               |
| 2 × 0.75                     | 5                          | 0.21                                    | 1.1                          | 0.6                                   | 0.8                               | 5.7                         | 7.2            | 26.0                 | 26.7                           | 0.011                                     | 67.5                |
| 2 × 1.0                      | 5                          | 0.21                                    | 1.3                          | 0.6                                   | 0.8                               | 5.9                         | 7.5            | 19.5                 | 20.0                           | 0.010                                     | 73.5                |
| 2 × 1.5                      | 5                          | 0.26                                    | 1.6                          | 0.7                                   | 0.8                               | 6.8                         | 8.6            | 13.3                 | 13.7                           | 0.010                                     | 97.9                |
| 2 × 2.5                      | 5                          | 0.26                                    | 2.1                          | 0.8                                   | 1.0                               | 8.4                         | 10.6           | 7.98                 | 8.21                           | 0.009                                     | 148.9               |
| 3 × 0.75                     | 5                          | 0.21                                    | 1.1                          | 0.6                                   | 0.8                               | 6.0                         | 7.6            | 26.0                 | 26.7                           | 0.011                                     | 79.7                |
| 3 × 1.0                      | 5                          | 0.21                                    | 1.3                          | 0.6                                   | 0.8                               | 6.3                         | 8.0            | 19.5                 | 20.0                           | 0.010                                     | 87.1                |
| 3 × 1.5                      | 5                          | 0.26                                    | 1.6                          | 0.7                                   | 0.8                               | 7.4                         | 9.4            | 13.3                 | 13.7                           | 0.010                                     | 117.4               |
| 3 × 2.5                      | 5                          | 0.26                                    | 2.1                          | 0.8                                   | 1.0                               | 9.2                         | 11.4           | 7.98                 | 8.21                           | 0.009                                     | 179.8               |
| 4 × 0.75                     | 5                          | 0.21                                    | 1.1                          | 0.6                                   | 0.8                               | 6.6                         | 8.3            | 26.0                 | 26.7                           | 0.011                                     | 95.0                |
| 4 × 1.0                      | 5                          | 0.21                                    | 1.3                          | 0.6                                   | 0.8                               | 7.1                         | 9.0            | 19.5                 | 20.0                           | 0.010                                     | 104.8               |
| 4 × 1.5                      | 5                          | 0.26                                    | 1.6                          | 0.7                                   | 0.8                               | 8.4                         | 10.5           | 13.3                 | 13.7                           | 0.010                                     | 142.3               |
| 4 × 2.5                      | 5                          | 0.26                                    | 2.1                          | 0.8                                   | 1.0                               | 10.1                        | 12.5           | 7.98                 | 8.21                           | 0.009                                     | 219.0               |
| 5 × 0.75                     | 5                          | 0.21                                    | 1.1                          | 0.6                                   | 0.8                               | 7.4                         | 9.3            | 26.0                 | 26.7                           | 0.011                                     | 113.7               |
| 5 × 1.0                      | 5                          | 0.21                                    | 1.3                          | 0.6                                   | 0.8                               | 7.8                         | 9.8            | 19.5                 | 20.0                           | 0.010                                     | 125.4               |
| 5 × 1.5                      | 5                          | 0.26                                    | 1.6                          | 0.7                                   | 0.8                               | 9.3                         | 11.6           | 13.3                 | 13.7                           | 0.010                                     | 171.7               |
| 5 × 2.5                      | 5                          | 0.26                                    | 2.1                          | 0.8                                   | 1.0                               | 11.2                        | 13.9           | 7.98                 | 8.21                           | 0.009                                     | 265.2               |