

高難燃ノンハロゲンケーブル (ナンネンクリーンケーブル)

規格 **JIS C 3401、3605、3606**準拠
定格 **600V、6600V**

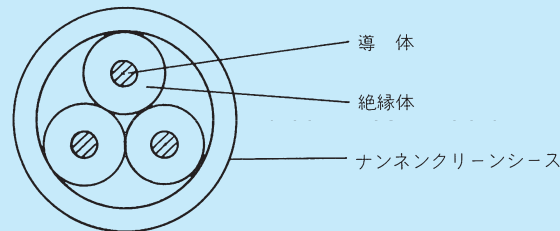
●特長

1. 難燃性に優れ、グループ配線でも延焼しません。(垂直トレイ試験IEEE383-1974に合格)
2. 煙の発生が極めて少なく安全です。
3. 塩化水素ガスなどの有毒なガスを発生しません。
4. 腐食性ガスの発生がなく、金属も腐食しません。
5. 取扱いは従来のケーブルと変わりません。

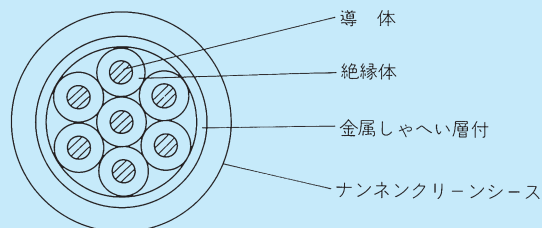
●識別

制御・計装および電力ケーブルとも識別は一般ケーブルと同じです。

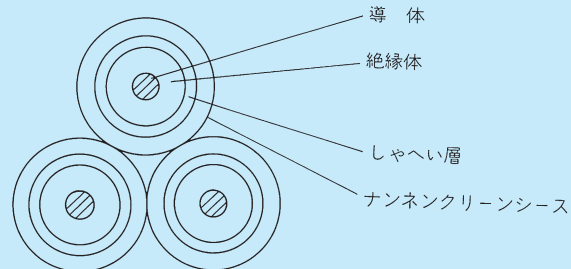
構造



600Vナンネンクリーン電力ケーブル



ナンネンクリーン制御・計装ケーブル(しゃへい付)



6600Vナンネンクリーン電力ケーブル

●構造及び性能表

■制御ケーブル(NH-CCE)

| 線心数 | 導体 | | | 絶縁体厚さ(mm) | シース厚さ(mm) | 仕上り外径約(mm) | 概算質量(kg/km) | 導体抵抗(20°C)(Ω/km) | 試験電圧(kV) | 絶縁抵抗(MΩ·km) |
|-----|-------------------------|-------------|--------|-----------|-----------|------------|-------------|------------------|----------|-------------|
| | 公称断面積(mm ²) | 素線数/素線径(mm) | 外径(mm) | | | | | | | |
| 2 | 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 10.5 | 125 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 12.0 | 170 | 5.30 | 2.0 | 2,500 |
| | 5.5 | 7/1.0 | 3.0 | 1.0 | 1.5 | 14.0 | 240 | 3.40 | 2.0 | 2,500 |
| 3 | 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 11.0 | 150 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 12.5 | 210 | 5.30 | 2.0 | 2,500 |
| | 5.5 | 7/1.0 | 3.0 | 1.0 | 1.5 | 14.5 | 305 | 3.40 | 2.0 | 2,500 |
| 4 | 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 12.0 | 185 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 13.5 | 260 | 5.30 | 2.0 | 2,500 |
| | 5.5 | 7/1.0 | 3.0 | 1.0 | 1.5 | 16.0 | 380 | 3.40 | 2.0 | 2,500 |
| 5 | 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 13.0 | 215 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 14.5 | 315 | 5.30 | 2.0 | 2,500 |
| | 5.5 | 7/1.0 | 3.0 | 1.0 | 1.5 | 17.5 | 460 | 3.40 | 2.0 | 2,500 |
| 7 | 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 14.0 | 270 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 16.0 | 400 | 5.30 | 2.0 | 2,500 |
| | 5.5 | 7/1.0 | 3.0 | 1.0 | 1.5 | 19.0 | 590 | 3.40 | 2.0 | 2,500 |
| 10 | 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 17.5 | 395 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 20 | 585 | 5.30 | 2.0 | 2,500 |
| 12 | 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 18.0 | 445 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 21 | 665 | 5.30 | 2.0 | 2,500 |
| 15 | 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 19.5 | 530 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 22 | 800 | 5.30 | 2.0 | 2,500 |
| 20 | 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 22 | 675 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 25 | 1,060 | 5.30 | 2.0 | 2,500 |
| 30 | 2 | 7/0.6 | 1.8 | 0.8 | 1.7 | 26 | 1,000 | 9.42 | 2.0 | 2,500 |
| | 3.5 | 7/0.8 | 2.4 | 0.8 | 1.8 | 30 | 1,550 | 5.30 | 2.0 | 2,500 |

●しゃへい付ケーブルは上記の他にアルミマイラーシールド及び銅編組など御要求に応じ製作いたします。

●構造・性能表

| 導 体 | | | 絶縁体 厚 さ (mm) | シース 厚 さ (mm) | 仕上り 外 径 約 (mm) | 概算質量 (kg/km) | 導体抵抗 (20℃) (Ω/km) | 試験電圧 (kV) | 絶縁抵抗 (MΩ-km) |
|-----------------------------|--------------------------|-------------|--------------------|--------------------|----------------------|-----------------|-------------------------|--------------|-----------------|
| 公称断面図 (mm ²) | 素線数/ 素線径(mm) または形状 | 外 径 (mm) | | | | | | | |

600V NH-CE 単心ケーブル

| | | | | | | | | | |
|-------|------------------|------|-----|-----|-------|--------|--------|-----|-------|
| 2 | 7/0.6 | 1.8 | 0.8 | 1.5 | 6.7 | 60 | 9.24 | 1.5 | 2,500 |
| 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 7.3 | 80 | 5.20 | 1.5 | 2,500 |
| 5.5 | 7/1.0 | 3.0 | 1.0 | 1.5 | 8.3 | 110 | 3.33 | 1.5 | 2,500 |
| 8 | 7/1.2 | 3.6 | 1.0 | 1.5 | 8.9 | 135 | 2.31 | 1.5 | 2,000 |
| 8 | 円 形 圧 縮 | 3.4 | 1.0 | 1.5 | 8.9 | 135 | 2.29 | 1.5 | 2,000 |
| 14 | | 4.4 | 1.0 | 1.5 | 9.9 | 195 | 1.31 | 2.0 | 1,500 |
| 22 | | 5.5 | 1.2 | 1.5 | 11.5 | 290 | 0.832 | 2.0 | 1,500 |
| 38 | | 7.3 | 1.2 | 1.5 | 13.5 | 450 | 0.481 | 2.5 | 1,500 |
| 60 | | 9.3 | 1.5 | 1.5 | 16.0 | 685 | 0.305 | 2.5 | 1,500 |
| 100 | | 12.0 | 2.0 | 1.5 | 19.5 | 1,110 | 0.183 | 3.0 | 1,500 |
| 150 | | 14.7 | 2.0 | 1.6 | 23 | 1,610 | 0.122 | 3.0 | 1,000 |
| 200 | | 17.0 | 2.5 | 1.7 | 26 | 2,140 | 0.0915 | 3.0 | 1,500 |
| 250 | | 19.0 | 2.5 | 1.8 | 28 | 2,660 | 0.0739 | 3.0 | 1,000 |
| 325 | | 21.7 | 2.5 | 1.9 | 31 | 3,400 | 0.0568 | 3.0 | 900 |
| 400 | 24.1 | 2.5 | 2.0 | 34 | 4,140 | 0.0462 | 3.0 | 800 | |
| 500 | 26.9 | 3.0 | 2.1 | 38 | 5,180 | 0.0369 | 3.5 | 800 | |
| 600 | 29.5 | 3.0 | 2.2 | 41 | 6,160 | 0.0308 | 3.5 | 800 | |
| 800 | 分割圧縮 | 34.0 | 3.5 | 2.5 | 48 | 8,300 | 0.0231 | 3.5 | 800 |
| 1,000 | | 38.0 | 3.5 | 2.7 | 52 | 10,400 | 0.0187 | 3.5 | 700 |

600V NH-CE 2心ケーブル

| | | | | | | | | | |
|-----|------------------|------|-----|-----|------|-------|--------|-----|-------|
| 2.0 | 7/0.6 | 1.8 | 0.8 | 1.5 | 11.0 | 145 | 9.42 | 1.5 | 2,500 |
| 3.5 | 7/0.6 | 2.4 | 0.8 | 1.5 | 12.5 | 180 | 5.30 | 1.5 | 2,500 |
| 5.5 | 7/1.0 | 3.0 | 1.0 | 1.5 | 14.5 | 250 | 3.40 | 1.5 | 2,500 |
| 8 | 7/1.2 | 3.6 | 1.0 | 1.5 | 15.5 | 320 | 2.36 | 1.5 | 2,000 |
| 8 | 円 形 圧 縮 | 3.4 | 1.0 | 1.5 | 14.5 | 290 | 2.34 | 1.5 | 2,000 |
| 14 | | 4.4 | 1.0 | 1.5 | 17.0 | 455 | 1.34 | 2.0 | 1,500 |
| 22 | | 5.5 | 1.2 | 1.5 | 20 | 660 | 0.849 | 2.0 | 1,500 |
| 38 | | 7.3 | 1.2 | 1.6 | 24 | 1,040 | 0.491 | 2.5 | 1,500 |
| 60 | | 9.3 | 1.5 | 1.8 | 30 | 1,610 | 0.311 | 2.5 | 1,500 |
| 100 | | 12.0 | 2.0 | 2.1 | 38 | 2,640 | 0.187 | 3.0 | 1,500 |
| 150 | | 14.7 | 2.0 | 2.3 | 44 | 3,780 | 0.124 | 3.0 | 1,000 |
| 200 | | 17.0 | 2.5 | 2.6 | 51 | 5,070 | 0.0933 | 3.0 | 1,500 |
| 250 | | 19.0 | 2.5 | 2.8 | 55 | 6,230 | 0.0754 | 3.0 | 1,000 |
| 325 | | 21.7 | 2.5 | 3.0 | 61 | 7,950 | 0.0579 | 3.0 | 900 |

600V NH-CE 3心ケーブル

| | | | | | | | | | |
|-----|------------------|------|-----|-----|--------|--------|--------|-----|-------|
| 2.0 | 7/0.6 | 1.8 | 0.8 | 1.5 | 11.5 | 165 | 9.42 | 1.5 | 2,500 |
| 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 13.0 | 225 | 5.30 | 1.5 | 2,500 |
| 5.5 | 7/1.0 | 3.0 | 1.0 | 1.5 | 15.0 | 320 | 3.40 | 1.5 | 2,500 |
| 8 | 7/1.2 | 3.6 | 1.0 | 1.5 | 16.5 | 415 | 2.36 | 1.5 | 2,000 |
| 8 | 円 形 圧 縮 | 3.4 | 1.0 | 1.5 | 15.5 | 375 | 2.34 | 1.5 | 2,000 |
| 14 | | 4.4 | 1.0 | 1.5 | 18.0 | 600 | 1.34 | 2.0 | 1,500 |
| 22 | | 5.5 | 1.2 | 1.5 | 22 | 890 | 0.849 | 2.0 | 1,500 |
| 38 | | 7.3 | 1.2 | 1.7 | 26 | 1,430 | 0.491 | 2.5 | 1,500 |
| 60 | | 9.3 | 1.5 | 1.9 | 32 | 2,220 | 0.311 | 2.5 | 1,500 |
| 100 | | 12.0 | 2.0 | 2.2 | 40 | 3,640 | 0.187 | 3.0 | 1,500 |
| 150 | | 14.7 | 2.0 | 2.5 | 47 | 5,280 | 0.124 | 3.0 | 1,000 |
| 200 | | 17.0 | 2.5 | 2.7 | 54 | 7,040 | 0.0933 | 3.0 | 1,500 |
| 250 | | 19.0 | 2.5 | 2.9 | 59 | 8,730 | 0.0754 | 3.0 | 1,000 |
| 325 | | 21.7 | 2.5 | 3.1 | 65 | 11,200 | 0.0579 | 3.0 | 900 |
| 400 | 24.1 | 2.5 | 3.4 | 71 | 13,600 | 0.0471 | 3.0 | 800 | |
| 500 | 26.9 | 3.0 | 3.7 | 80 | 17,000 | 0.0376 | 3.5 | 800 | |

600V NH-CE 4心ケーブル

| | | | | | | | | | |
|-----|------------------|------|-----|-----|------|--------|--------|-----|-------|
| 2.0 | 7/0.6 | 1.8 | 0.8 | 1.5 | 12.5 | 195 | 9.42 | 1.5 | 2,500 |
| 3.5 | 7/0.8 | 2.4 | 0.8 | 1.5 | 14.0 | 275 | 5.30 | 1.5 | 2,500 |
| 5.5 | 7/1.0 | 3.0 | 1.0 | 1.5 | 16.5 | 395 | 3.40 | 1.5 | 2,500 |
| 8 | 7/1.2 | 3.6 | 1.0 | 1.5 | 18.0 | 510 | 2.36 | 1.5 | 2,000 |
| 8 | 円 形 圧 縮 | 3.4 | 1.0 | 1.5 | 17.0 | 470 | 2.34 | 1.5 | 2,000 |
| 14 | | 4.4 | 1.0 | 1.5 | 20 | 765 | 1.34 | 2.0 | 1,500 |
| 22 | | 5.5 | 1.2 | 1.6 | 24 | 1,150 | 0.849 | 2.0 | 1,500 |
| 38 | | 7.3 | 1.2 | 1.8 | 29 | 1,860 | 0.491 | 2.5 | 1,500 |
| 60 | | 9.3 | 1.5 | 2.0 | 35 | 2,880 | 0.311 | 2.5 | 1,500 |
| 100 | | 12.0 | 2.0 | 2.4 | 45 | 4,760 | 0.187 | 3.0 | 1,500 |
| 150 | | 14.7 | 2.0 | 2.7 | 52 | 6,900 | 0.124 | 3.0 | 1,000 |
| 200 | | 17.0 | 2.5 | 3.0 | 61 | 9,240 | 0.0933 | 3.0 | 1,500 |
| 250 | | 19.0 | 2.5 | 3.2 | 66 | 11,500 | 0.0754 | 3.0 | 1,000 |
| 325 | | 21.7 | 2.5 | 3.4 | 73 | 14,700 | 0.0579 | 3.0 | 900 |

| 導 体 | | | 絶縁体 厚 さ (mm) | シース 厚 さ (mm) | 仕上り 外 径 約 (mm) | 概算質量 (kg/km) | 導体抵抗 (20℃) (Ω/km) | 試験電圧 (kV) | 絶縁抵抗 (MΩ-km) | 静電容量 (常温) (μF/km) |
|-----------------------------|--------------------------|-------------|--------------------|--------------------|----------------------|-----------------|-------------------------|--------------|-----------------|-------------------------|
| 公称断面図 (mm ²) | 素線数/ 素線径(mm) または形状 | 外 径 (mm) | | | | | | | | |

6600V NH-CE 単心ケーブル

| | | | | | | | | | | |
|-------|------------------|------|-----|-----|-------|--------|--------|-------|-------|------|
| 8 | 7/1.2 | 3.6 | 4.0 | 1.8 | 16.5 | 315 | 2.31 | 17 | 2,500 | 0.21 |
| 8 | 円 形 圧 縮 | 3.4 | 4.0 | 1.8 | 16.0 | 315 | 2.29 | 17 | 2,500 | 0.21 |
| 14 | | 4.4 | 4.0 | 1.8 | 17.5 | 385 | 1.31 | 17 | 2,500 | 0.24 |
| 22 | | 5.5 | 4.0 | 1.9 | 18.5 | 490 | 0.832 | 17 | 2,500 | 0.27 |
| 38 | | 7.3 | 4.0 | 2.0 | 21 | 685 | 0.481 | 17 | 2,000 | 0.32 |
| 60 | | 9.3 | 4.0 | 2.0 | 23 | 935 | 0.305 | 17 | 2,000 | 0.37 |
| 100 | | 12.0 | 4.0 | 2.1 | 26 | 1,370 | 0.183 | 17 | 1,500 | 0.45 |
| 150 | | 14.7 | 4.0 | 2.3 | 29 | 1,920 | 0.122 | 17 | 1,500 | 0.52 |
| 200 | | 17.0 | 4.5 | 2.4 | 32 | 2,490 | 0.0915 | 17 | 1,500 | 0.51 |
| 250 | | 19.0 | 4.5 | 2.5 | 35 | 3,040 | 0.0739 | 17 | 1,500 | 0.55 |
| 325 | | 21.7 | 4.5 | 2.6 | 37 | 3,840 | 0.0568 | 17 | 1,500 | 0.61 |
| 400 | 24.1 | 4.5 | 2.7 | 40 | 4,580 | 0.0462 | 17 | 1,000 | 0.68 | |
| 500 | 26.9 | 4.5 | 2.8 | 43 | 5,600 | 0.0369 | 17 | 900 | 0.74 | |
| 600 | 29.5 | 5.0 | 2.9 | 47 | 6,680 | 0.0308 | 17 | 900 | 0.71 | |
| 800 | 分割圧縮 | 34.0 | 5.0 | 3.1 | 52 | 8,720 | 0.0231 | 17 | 800 | 0.81 |
| 1,000 | | 38.0 | 5.0 | 3.3 | 56 | 10,900 | 0.0187 | 17 | 800 | 0.85 |

6600V NH-CE 3心ケーブル

| | | | | | | | | | | |
|-----|------------------|------|-----|-----|----|--------|--------|----|-------|------|
| 8 | 7/1.2 | 3.6 | 4.0 | 2.4 | 32 | 1,030 | 2.36 | 17 | 2,500 | 0.21 |
| 8 | 円 形 圧 縮 | 3.4 | 4.0 | 2.3 | 31 | 975 | 2.34 | 17 | 2,500 | 0.21 |
| 14 | | 4.4 | 4.0 | 2.4 | 34 | 1,270 | 1.34 | 17 | 2,500 | 0.24 |
| 22 | | 5.5 | 4.0 | 2.5 | 36 | 1,600 | 0.849 | 17 | 2,500 | 0.27 |
| 38 | | 7.3 | 4.0 | 2.7 | 41 | 2,250 | 0.491 | 17 | 2,000 | 0.32 |
| 60 | | 9.3 | 4.0 | 2.9 | 45 | 3,090 | 0.311 | 17 | 2,000 | 0.37 |
| 100 | | 12.0 | 4.0 | 3.1 | 52 | 4,520 | 0.187 | 17 | 1,500 | 0.45 |
| 150 | | 14.7 | 4.0 | 3.3 | 58 | 6,260 | 0.124 | 17 | 1,500 | 0.52 |
| 200 | | 17.0 | 4.5 | 3.6 | 66 | 8,190 | 0.0933 | 17 | 1,500 | 0.51 |
| 250 | | 19.0 | 4.5 | 3.8 | 70 | 9,960 | 0.0754 | 17 | 1,500 | 0.55 |
| 325 | | 21.7 | 4.5 | 4.0 | 76 | 12,500 | 0.0579 | 17 | 1,500 | 0.61 |

6600V NH-CET トリプレックス形ケーブル

| | | | | | | | | | | |
|-----|------------------|------|-----|-----|--------|--------|--------|-------|-------|------|
| 8 | 7/1.2 | 3.6 | 4.0 | 1.8 | 36 | 960 | 2.36 | 17 | 2,500 | 0.21 |
| 8 | 円 形 圧 縮 | 3.4 | 4.0 | 1.8 | 35 | 930 | 2.34 | 17 | 2,500 | 0.21 |
| 14 | | 4.4 | 4.0 | 1.9 | 38 | 1,200 | 1.34 | 17 | 2,500 | 0.24 |
| 22 | | 5.5 | 4.0 | 2.0 | 40 | 1,520 | 0.849 | 17 | 2,500 | 0.27 |
| 38 | | 7.3 | 4.0 | 2.1 | 45 | 2,130 | 0.491 | 17 | 2,000 | 0.32 |
| 60 | | 9.3 | 4.0 | 2.2 | 50 | 2,920 | 0.311 | 17 | 2,000 | 0.37 |
| 100 | | 12.0 | 4.0 | 2.4 | 56 | 4,300 | 0.187 | 17 | 1,500 | 0.45 |
| 150 | | 14.7 | 4.0 | 2.6 | 63 | 5,980 | 0.124 | 17 | 1,500 | 0.52 |
| 200 | | 17.0 | 4.5 | 2.8 | 71 | 7,800 | 0.0933 | 17 | 1,500 | 0.51 |
| 250 | | 19.0 | 4.5 | 2.9 | 76 | 9,470 | 0.0754 | 17 | 1,500 | 0.55 |
| 325 | | 21.7 | 4.5 | 3.1 | 82 | 11,900 | 0.0579 | 17 | 1,500 | 0.61 |
| 400 | 24.1 | 4.5 | 3.3 | 88 | 14,400 | 0.0471 | 17 | 1,000 | 0.68 | |
| 500 | 26.9 | 4.5 | 3.5 | 95 | 17,500 | 0.0376 | 17 | 900 | 0.74 | |
| 600 | 29.5 | 5.0 | 3.7 | 104 | 20,900 | 0.0314 | 17 | 900 | 0.71 | |

●トリプレックス形ケーブルの仕上り外径は、より合わせ外径となります。