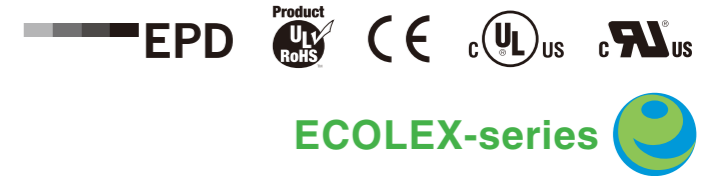


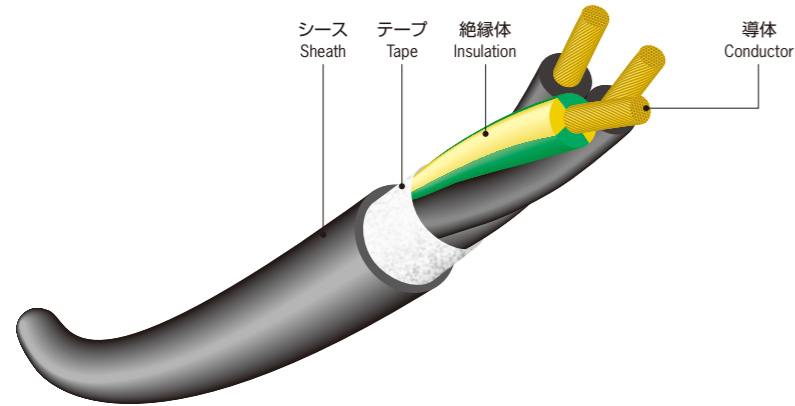
ECOLEX79T

NFPA70/79対応 固定用動力ケーブル



ハロゲンフリー / HALOGEN FREE

NFPA79対応 NFPA70対応



| 環境規制 Environmental control | |
|-------------------------------|------------|
| | EPD 環境ラベル |
| | ハロゲンフリー |
| | 環境規制対応 |
| | アウトガス対応 |
| | グローバル規格 |
| | ISO14001取得 |

例 / Reference ECOLEX79T 16AWG×3c

| ケーブル特性 ^{※1} Characteristics of cable | 使用温度範囲 Operating temp | サーマルインデックス Thermal index | 耐油性 Oil resistance | 難燃性 Flame retardant | 耐屈曲性 Flexing | 耐ノイズ性 Noise resistance | 配線 Wiring | RoHS指令 RoHS Directive | アウトガス対応 Outgas | ハロゲンフリー Halogen free |
|--|--------------------------|-----------------------------|-----------------------|------------------------|-----------------|---------------------------|--------------|--------------------------|-------------------|-------------------------|
| | -40~+105℃ | 121℃ | D | B | C | D | 機器外部配線 | 適合 Conformity | A | ○ |

※1 ケーブル特性については、巻末の技術データを参照して下さい。Refer to technical data.

用途 Application

1. 機器外部配線
2. 電源線、ケーブルトレイ配線用
3. ハロゲンフリー

1. External wiring
2. Power line for tray cable
3. Halogen free

特長 Characteristics

ハロゲン系物質を含んでおらず、燃焼・焼却時に有害物質が発生しません。また、CE, UL, c-UL, NFPA70/79に適合しており1つのケーブルで国内及び多国の輸出ができます。また、設計の簡素化と在庫の低減につながり従来よりも効率の良い設計管理と在庫管理に最適です。

ECOLEX79T series does not contain a halogen system material, and when burning and incinerating, the poisonous substance is not generated. These enable to simplify the design and efficient storage for the reduction of costs due to CE, UL, c-UL and NFPA70/79 approvals.

■認証 Approval^{※2}

| 項目 Item | CE | (UL) | (UL) | UL | c-(UL) | c-UL |
|---|---|---------|--------------------------|---------|-----------------|----------------------|
| 認証 Approval | --- | E194237 | E207230 | E194236 | E194237 | E194236 |
| 適応規格 Standard | VDE0281 | UL62 | UL1277 | UL758 | CSA C22-2 No.49 | CSA C22-2 No.210.2 |
| ケーブルデザイン Cable designation | 05Z1Z1-F: 18AWG 1Z1Z1-F: 16-2AWG | SE | TC | 21002 | ST | Class I/II Group A/B |
| 公称電圧 Rated voltage | 300/500V: 18AWG 600/1000V: 16-2AWG | 600V | 600V | 600V | 600V | 600V |
| 耐電圧 Test voltage | 2000V/15min | | | | | |
| 絶縁抵抗 Insulation resistance | 200MΩ·km (at20℃) | | | | | |
| 使用温度範囲 Temperature range | -15℃~70℃ | 105℃ | 90℃dry/75℃wet | 105℃ | 105℃ | 105℃ |
| 曲げ半径 Minimum bending for radius | 6D D=ケーブル外径 / Outside diameter | | | | | |
| 難燃性 Flame retardant | EN 50265-2-1 (IEC 60332-1) | VW-1 | VW-1 for CT use (UL1685) | VW-1 | FT1 | FT1 |
| 構造 Construction | ASTM B-3 | | | | | |
| 絶縁 / 識別 Insulation/Core identification | TPE / 黒/ナンバリング白+緑/黄 (Black core with white numbering + G/Y) | | | | | |
| シース / シース色 Sheath/Sheath color | TPE / 黒 (Black) | | | | | |

※2 認証内容はサイズによって異なります。Approval is depending on products.

ケーブル構造 Cable construction

| 商品番号 Part number | 導体断面積 Nominal cross sectional area AWG | 導体構成/(外径) Conductor composition/ (diameter) mm | 絶縁外径 Diameter of insulation mm | 芯数 No. of cores 芯 | 仕上外径 Approx. overall diameter mm | 概算質量 Approx. mass kg/km | 導体抵抗 Conductor resistance Ω/km | 許容電流 (IEC60364-5-52) Current carrying capacities(At30℃) A | 二酸化炭素 排出量 Carbon dioxide kg-CO ₂ /100m |
|---------------------|--|---|--------------------------------------|-------------------------|--|-------------------------------|--------------------------------------|--|--|
| 1479 0007502 | 18AWG | 33/0.18 (1.1mm) | 2.7 | 2c | 8.7 | 97 | 21.8 | 19 | 16.4 |
| 1479 0007503 | | | | 3c | 9.1 | 112 | | 16 | 20.2 |
| 1479 0007504 | | | | 4c | 9.8 | 133 | | 14 | 24.6 |
| 1479 0007505 | | | | 5c | 11.6 | 183 | | 14 | 28.9 |
| 1479 0007506 | | | | 6c | 12.4 | 211 | | 13 | 33.4 |
| 1479 0007507 | | | | 7c | 13.3 | 243 | | 12 | 38.2 |
| 1479 0007508 | | | | 8c | 14.2 | 276 | | 12 | 42.7 |
| 1479 0007510 | | | | 10c | 15.1 | 287 | | 11 | 50.3 |
| 1479 0007512 | | | | 12c | 15.5 | 321 | | 9.9 | 64.0 |
| 1479 0007516 | | | | 16c | 17.8 | 434 | | 9.1 | 79.9 |
| 1479 0007518 | | | | 18c | 18.6 | 479 | | 8.8 | 88.1 |
| 1479 0007520 | | | | 20c | 19.5 | 526 | | 8.5 | 96.5 |
| 1479 0007525 | | | | 25c | 21.4 | 605 | | 7.9 | 118 |
| 1479 0007530 | | | | 30c | 22.5 | 696 | | 7.4 | 140 |

●販売長さ: 153m (500Ft) Standard length: 153m (500Ft)

| ケーブル構造 Cable construction | | | | | | | | | | | | | |
|---------------------------|--|---|--------------------------------------|-------------------------|--|-------------------------------|--------------------------------------|---|--|-----|------|----|------|
| 商品番号 Part number | 導体断面積 Nominal cross sectional area AWG | 導体構成/外径 Conductor composition/ (diameter) mm | 絶縁外径 Diameter of insulation mm | 芯数 No. of cores 芯 | 仕上外径 Approx. overall diameter mm | 概算質量 Approx. mass kg/km | 導体抵抗 Conductor resistance Ω/km | 許容電流 (IEC60364-5-52) Current carrying capacities(At30°C) A | 二酸化炭素 排出量 Carbon dioxide kg-CO ₂ /100m | | | | |
| 1479 0015002 | 16AWG | 53/0.18 (1.5mm) | 3.1 | 2c | 9.5 | 121 | 13.7 | 25 | 27.9 | | | | |
| 1479 0015003 | | | | 3c | 10.0 | 141 | | 21 | 35.0 | | | | |
| 1479 0015004 | | | | 4c | 10.8 | 170 | | 19 | 42.6 | | | | |
| 1479 0015005 | | | | 5c | 12.7 | 230 | | 18 | 57.8 | | | | |
| 1479 0015006 | | | | 6c | 13.6 | 268 | | 17 | 66.3 | | | | |
| 1479 0015007 | | | | 7c | 14.7 | 310 | | 16 | 75.3 | | | | |
| 1479 0015008 | | | | 8c | 15.6 | 352 | | 15 | 83.9 | | | | |
| 1479 0015010 | | | | 10c | 16.7 | 369 | | 14 | 98.6 | | | | |
| 1479 0015012 | | | | 12c | 18.0 | 448 | | 13 | 120 | | | | |
| 1479 0015016 | | | | 16c | 19.7 | 562 | | 12 | 151 | | | | |
| 1479 0015018 | | | | 18c | 20.6 | 622 | | 12 | 165 | | | | |
| 1479 0015020 | | | | 20c | 21.6 | 686 | | 11 | 181 | | | | |
| 1479 0015025 | | | | 25c | 23.8 | 793 | | 11 | 217 | | | | |
| 1479 0015030 | | | | 30c | 25.7 | 953 | | 10 | 265 | | | | |
| 1479 0025002 | | | | 14AWG | 83/0.18 (1.9mm) | 4.3 | | 2c | 12.9 | 220 | 8.62 | 35 | 48.4 |
| 1479 0025003 | | | | | | | | 3c | 13.6 | 254 | | 29 | 60.4 |
| 1479 0025004 | | | | | | | | 4c | 14.7 | 306 | | 26 | 73.4 |
| 1479 0025005 | | | | | | | | 5c | 16.7 | 392 | | 25 | 94.1 |
| 1479 0025006 | | | | | | | | 6c | 18.0 | 458 | | 23 | 108 |
| 1479 0025007 | | | | | | | | 7c | 19.5 | 532 | | 23 | 123 |
| 1479 0025008 | 8c | 20.8 | 608 | | | | 22 | 138 | | | | | |
| 1479 0025010 | 10c | 22.3 | 630 | | | | 20 | 162 | | | | | |
| 1479 0025012 | 12c | 23.0 | 713 | | | | 19 | 185 | | | | | |
| 1479 0025016 | 16c | 25.9 | 941 | | | | 17 | 245 | | | | | |
| 1479 0025018 | 18c | 27.2 | 1047 | | | | 16 | 270 | | | | | |
| 1479 0025020 | 20c | 28.6 | 1158 | | | | 16 | 295 | | | | | |
| 1479 0025025 | 25c | 32.4 | 1393 | | | | 15 | 372 | | | | | |
| 1479 0025030 | 30c | 34.2 | 1614 | | | | 14 | 431 | | | | | |

●販売条長：153m (500Ft) Standard length：153m (500Ft)

| ケーブル構造 Cable construction | | | | | | | | | |
|---------------------------|--|---|--------------------------------------|-------------------------|--|-------------------------------|--------------------------------------|---|--|
| 商品番号 Part number | 導体断面積 Nominal cross sectional area AWG | 導体構成/外径 Conductor composition/ (diameter) mm | 絶縁外径 Diameter of insulation mm | 芯数 No. of cores 芯 | 仕上外径 Approx. overall diameter mm | 概算質量 Approx. mass kg/km | 導体抵抗 Conductor resistance Ω/km | 許容電流 (IEC60364-5-52) Current carrying capacities(At30°C) A | 二酸化炭素 排出量 Carbon dioxide kg-CO ₂ /100m |
| 1479 0040002 | 12AWG | 7/19/0.18 (2.4mm) | 4.8 | 2c | 14.7 | 295 | 5.43 | 46 | 65.9 |
| 1479 0040003 | | | | 3c | 15.5 | 344 | | 39 | 81.8 |
| 1479 0040004 | | | | 4c | 16.7 | 415 | | 35 | 99.6 |
| 1479 0040005 | | | | 5c | 18.1 | 492 | | 33 | 117 |
| 1479 0060002 | | | | 10AWG | 7/30/0.18 (3.1mm) | 5.5 | | 2c | 16.1 |
| 1479 0060003 | 3c | 17.0 | 440 | | | | 51 | 99.3 | |
| 1479 0060004 | 4c | 18.4 | 538 | | | | 46 | 123 | |
| 1479 0060005 | 5c | 20.0 | 642 | | | | 43 | 145 | |
| 1479 0100002 | 8AWG | 7/48/0.18 (3.9mm) | 7.1 | 2c | 19.9 | 575 | 2.144 | 83 | 122 |
| 1479 0100003 | | | | 3c | 21.0 | 684 | | 70 | 155 |
| 1479 0100004 | | | | 4c | 23.7 | 884 | | 64 | 203 |
| 1479 0100005 | | | | 5c | 25.7 | 1056 | | 60 | 240 |
| 1479 0160002 | | | | 6AWG | 7/36/0.26 (4.9mm) | 8.1 | | 2c | 22.7 |
| 1479 0160003 | 3c | 24.0 | 941 | | | | 93 | 220 | |
| 1479 0160004 | 4c | 26.9 | 1209 | | | | 85 | 272 | |
| 1479 0160005 | 5c | 29.2 | 1448 | | | | 79 | 335 | |
| 1479 0250002 | 4AWG | 19/45/0.18 (6.3mm) | 9.5 | 2c | 26.3 | 1103 | 0.8481 | 150 | 229 |
| 1479 0250003 | | | | 3c | 27.8 | 1344 | | 126 | 299 |
| 1479 0250004 | | | | 4c | 31.1 | 1725 | | 115 | 389 |
| 1479 0250005 | | | | 5c | 33.8 | 2075 | | 107 | 465 |
| 1479 0350002 | 2AWG | 19/33/0.26 (7.7mm) | 10.9 | 2c | 29.9 | 1504 | 0.5335 | 195 | 301 |
| 1479 0350003 | | | | 3c | 31.6 | 1854 | | 164 | 405 |
| 1479 0350004 | | | | 4c | 35.3 | 2379 | | 149 | 521 |
| 1479 0350005 | | | | 5c | 38.3 | 2869 | | 139 | 620 |

●販売条長：153m (500Ft) Standard length：153m (500Ft)