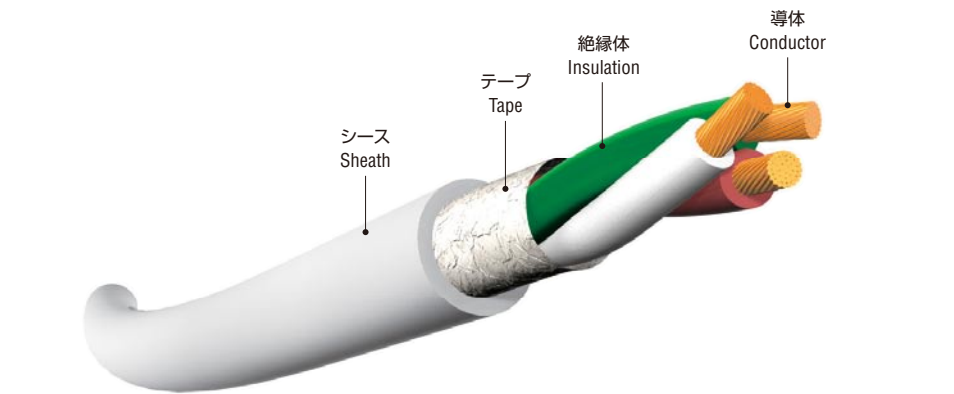


RO-FLEX 725T

Class2, Class3 Remote-Control, Signaling,  
and Power-Limited Circuit cable NEC Article 725.

北米市場/North American Market



シース色：ライトグレー  
Sheath color : Light grey

例/Reference RO-FLEX 725T 0.5mm²×3c

| ケーブル特性<br>Characteristics<br>of cable | 耐熱性<br>Heat resistance | 耐寒性<br>Cold resistance | 耐油性<br>Oil resistance | 難燃性<br>Flame retardant | 耐屈曲性<br>Flexing | 耐ノイズ性<br>Noise resistance | 配線<br>Wiring | RoHS指令<br>RoHS Directive | アウトガス対応<br>Outgas |
|---------------------------------------|------------------------|------------------------|-----------------------|------------------------|-----------------|---------------------------|--------------|--------------------------|-------------------|
|                                       | +105℃                  | −15℃                   | A                     | A                      | B               | D                         | 機器内配線        | 適合<br>Conformity         | C                 |

※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. 信号線  
2. 通信線  
3. Class2回路など

1. Signal line  
2. Communication line  
3. Power-limited circuits (Class2)

特 長 Characteristics

UL, c-UL, NFPA, CEに適合しており1つのケーブルで国内及び多国の輸出に使用できます。  
又、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。このケーブルは『低電圧指令』2006/95/ECに適合しています。又、細径でULの  
Listed対応であり、従来のRecognized(AWM)と比べても同等の外径となっています。又、  
「RoHS指令」2011/65/EUに適用しています。

RO-FLEX 725T series enable to simplify the design and efficient storage for the reduction of  
costs due to UL, c-UL, NFPA and CE approvals.  
The product is in conformity to 2006/95/EC("Low voltage directive").  
They are small diameter Listed products equal with the Recognized(AWM).  
"Conformity to RoHS directive 2011/65/EU"

■認証 APPROVAL

| 項目 Item               |                                         | (UL)                                                        | (UL)    | UL      | c(UL)                    | c-UL                  | CE                                                                 |
|-----------------------|-----------------------------------------|-------------------------------------------------------------|---------|---------|--------------------------|-----------------------|--------------------------------------------------------------------|
| 認証<br>Approval        | 認証番号<br>Certificate number              | E314378                                                     | E308483 | E194236 | E308483                  | E194236               | J50010985                                                          |
|                       | 適応規格<br>Standard                        | UL13                                                        | UL444   | UL758   | CSA C22.2<br>No.214      | CSA C22.2<br>No.210   | VDE0812                                                            |
|                       | ケーブルデザイン<br>Cable designation           | CL3                                                         | CM      | 2464    | CM                       | AWM I/II<br>Group A/B | LIYY                                                               |
| 特性<br>Characteristics | 公称電圧<br>Rated voltage                   | (300V)                                                      | (300V)  | 300V    | (300V)                   | 300V                  | 350V peak:0.14mm <sup>2</sup><br>500V peak:0.25~0.5mm <sup>2</sup> |
|                       | 耐電圧<br>Test voltage                     | 2500V/5分                                                    |         |         |                          |                       |                                                                    |
|                       | 絶縁抵抗<br>Insulation resistance           | 200MΩ・km (at 20℃)                                           |         |         |                          |                       |                                                                    |
|                       | 使用温度<br>Temperature range               | 90℃                                                         | 90℃     | 80℃     | 90℃                      | 105℃                  | −15℃~90℃                                                           |
|                       | 曲げ半径<br>Minimum bending for radius      | 6D D=ケーブル外径/Overall diameter                                |         |         |                          |                       |                                                                    |
|                       | 難燃性<br>Flame retardant                  | VW-1 for CT use (UL1685)                                    |         | VW-1    | VW-1 for CT use (UL1685) |                       | FT1                                                                |
| 構造<br>Construction    | 導体<br>Conductor                         | ASTM B-3                                                    |         |         |                          |                       | IEC 60228 Class 5                                                  |
|                       | 絶縁/識別<br>Insulation/Core identification | 耐熱PVC/「識別1」参照<br>Heat resistant PVC/See core identification |         |         |                          |                       |                                                                    |
|                       | シース/シース色<br>Sheath/Sheath color         | 耐油・耐熱PVC/ライトグレー<br>Oil and Heat resistant PVC/Light grey    |         |         |                          |                       |                                                                    |

認証  
Approval

CE

cUL

TUV

cULus

ケーブル構造 CABLE CONSTRUCTION

| 商品番号<br>Part number | 導体断面積<br>Nominal cross<br>sectional area<br>mm² | 導体構成/(外径)<br>Conductor<br>composition/<br>(diameter)<br>mm | 絶縁外径<br>Diameter of<br>insulation<br>mm | 芯数<br>No. of cores<br>芯 | 仕上外径<br>Approx.Overall<br>diameter<br>mm | 概算質量<br>Approx.mass<br>kg/km | 導体抵抗<br>Conductor<br>resistance<br>Ω/km | 許容電流<br>(IEC60364-5-523)<br>Current Carrying<br>Capacities(At30℃)<br>A |
|---------------------|-------------------------------------------------|------------------------------------------------------------|-----------------------------------------|-------------------------|------------------------------------------|------------------------------|-----------------------------------------|------------------------------------------------------------------------|
| 7250 0001402        | 0.14mm²/26AWG                                   | 7/0.16<br>(0.5mm)                                          | 1.1                                     | 2c                      | 3.9                                      | 19                           | 132                                     | 3.6                                                                    |
| 7250 0001403        |                                                 |                                                            |                                         | 3c                      | 4.1                                      | 21                           |                                         | 3.1                                                                    |
| 7250 0001404        |                                                 |                                                            |                                         | 4c                      | 4.4                                      | 25                           |                                         | 2.7                                                                    |
| 7250 0001405        |                                                 |                                                            |                                         | 5c                      | 4.7                                      | 29                           |                                         | 2.4                                                                    |
| 7250 0001406        |                                                 |                                                            |                                         | 6c                      | 5.0                                      | 33                           |                                         | 2.3                                                                    |
| 7250 0001407        |                                                 |                                                            |                                         | 7c                      | 5.4                                      | 38                           |                                         | 2.1                                                                    |
| 7250 0001408        |                                                 |                                                            |                                         | 8c                      | 5.7                                      | 43                           |                                         | 2.0                                                                    |
| 7250 0001410        |                                                 |                                                            |                                         | 10c                     | 6.1                                      | 45                           |                                         | 1.9                                                                    |
| 7250 0001412        |                                                 |                                                            |                                         | 12c                     | 6.3                                      | 50                           |                                         | 1.8                                                                    |
| 7250 0001416        |                                                 |                                                            |                                         | 16c                     | 6.9                                      | 63                           |                                         | 1.5                                                                    |
| 7250 0001418        |                                                 |                                                            |                                         | 18c                     | 7.2                                      | 70                           |                                         | 1.4                                                                    |
| 7250 0001420        |                                                 |                                                            |                                         | 20c                     | 7.8                                      | 81                           |                                         | 1.4                                                                    |
| 7250 0001425        |                                                 |                                                            |                                         | 25c                     | 8.6                                      | 93                           |                                         | 1.3                                                                    |
| 7250 0001430        |                                                 |                                                            |                                         | 30c                     | 9.3                                      | 111                          |                                         | 1.2                                                                    |
| 7250 0001440        |                                                 |                                                            |                                         | 40c                     | 10.8                                     | 150                          |                                         | 1.1                                                                    |
| 7250 0002502        | 0.25mm²/24AWG                                   | 14/0.15<br>(0.65mm)                                        | 1.45                                    | 2c                      | 4.6                                      | 27                           | 75.4                                    | 5.2                                                                    |
| 7250 0002503        |                                                 |                                                            |                                         | 3c                      | 4.8                                      | 30                           |                                         | 4.4                                                                    |
| 7250 0002504        |                                                 |                                                            |                                         | 4c                      | 5.2                                      | 36                           |                                         | 3.9                                                                    |
| 7250 0002505        |                                                 |                                                            |                                         | 5c                      | 5.6                                      | 43                           |                                         | 3.5                                                                    |
| 7250 0002506        |                                                 |                                                            |                                         | 6c                      | 6.1                                      | 51                           |                                         | 3.2                                                                    |
| 7250 0002507        |                                                 |                                                            |                                         | 7c                      | 6.6                                      | 59                           |                                         | 3.0                                                                    |
| 7250 0002508        |                                                 |                                                            |                                         | 8c                      | 7.0                                      | 67                           |                                         | 2.9                                                                    |
| 7250 0002510        |                                                 |                                                            |                                         | 10c                     | 7.7                                      | 73                           |                                         | 2.7                                                                    |
| 7250 0002512        |                                                 |                                                            |                                         | 12c                     | 7.9                                      | 82                           |                                         | 2.6                                                                    |
| 7250 0002516        |                                                 |                                                            |                                         | 16c                     | 8.9                                      | 108                          |                                         | 2.2                                                                    |
| 7250 0002518        |                                                 |                                                            |                                         | 18c                     | 9.4                                      | 120                          |                                         | 2.1                                                                    |
| 7250 0002520        |                                                 |                                                            |                                         | 20c                     | 9.8                                      | 132                          |                                         | 2.0                                                                    |
| 7250 0002525        |                                                 |                                                            |                                         | 25c                     | 11.1                                     | 157                          |                                         | 1.9                                                                    |
| 7250 0002530        |                                                 |                                                            |                                         | 30c                     | 11.9                                     | 187                          |                                         | 1.7                                                                    |
| 7250 0002540        |                                                 |                                                            |                                         | 40c                     | 13.9                                     | 251                          |                                         | 1.5                                                                    |
| 7250 0003402        | 0.34mm²/22AWG                                   | 19/0.15<br>(0.8mm)                                         | 1.6                                     | 2c                      | 4.9                                      | 31                           | 55.4                                    | 6.0                                                                    |
| 7250 0003403        |                                                 |                                                            |                                         | 3c                      | 5.2                                      | 36                           |                                         | 5.1                                                                    |
| 7250 0003404        |                                                 |                                                            |                                         | 4c                      | 5.6                                      | 43                           |                                         | 4.5                                                                    |
| 7250 0003405        |                                                 |                                                            |                                         | 5c                      | 6.0                                      | 51                           |                                         | 4.1                                                                    |
| 7250 0003406        |                                                 |                                                            |                                         | 6c                      | 6.5                                      | 60                           |                                         | 3.8                                                                    |
| 7250 0003407        |                                                 |                                                            |                                         | 7c                      | 7.1                                      | 70                           |                                         | 3.5                                                                    |
| 7250 0003408        |                                                 |                                                            |                                         | 8c                      | 7.8                                      | 84                           |                                         | 3.4                                                                    |
| 7250 0003410        |                                                 |                                                            |                                         | 10c                     | 8.3                                      | 87                           |                                         | 3.1                                                                    |
| 7250 0003412        |                                                 |                                                            |                                         | 12c                     | 8.6                                      | 99                           |                                         | 3.0                                                                    |
| 7250 0003416        |                                                 |                                                            |                                         | 16c                     | 9.6                                      | 129                          |                                         | 2.6                                                                    |
| 7250 0003418        |                                                 |                                                            |                                         | 18c                     | 10.1                                     | 144                          |                                         | 2.4                                                                    |
| 7250 0003420        |                                                 |                                                            |                                         | 20c                     | 10.8                                     | 164                          |                                         | 2.3                                                                    |
| 7250 0003425        |                                                 |                                                            |                                         | 25c                     | 12.2                                     | 195                          |                                         | 2.2                                                                    |
| 7250 0003430        |                                                 |                                                            |                                         | 30c                     | 12.9                                     | 226                          |                                         | 2.0                                                                    |
| 7250 0003440        |                                                 |                                                            |                                         | 40c                     | 15.3                                     | 311                          |                                         | 1.8                                                                    |
| 7250 0005002        | 0.5mm²/20AWG                                    | 21/0.18<br>(0.95mm)                                        | 1.75                                    | 2c                      | 5.2                                      | 37                           | 34.6                                    | 8.1                                                                    |
| 7250 0005003        |                                                 |                                                            |                                         | 3c                      | 5.5                                      | 44                           |                                         | 6.9                                                                    |
| 7250 0005004        |                                                 |                                                            |                                         | 4c                      | 5.9                                      | 54                           |                                         | 6.0                                                                    |
| 7250 0005005        |                                                 |                                                            |                                         | 5c                      | 6.4                                      | 64                           |                                         | 5.5                                                                    |
| 7250 0005006        |                                                 |                                                            |                                         | 6c                      | 7.0                                      | 76                           |                                         | 5.1                                                                    |
| 7250 0005007        |                                                 |                                                            |                                         | 7c                      | 7.8                                      | 92                           |                                         | 4.8                                                                    |
| 7250 0005008        |                                                 |                                                            |                                         | 8c                      | 8.3                                      | 106                          |                                         | 4.5                                                                    |
| 7250 0005010        |                                                 |                                                            |                                         | 10c                     | 9.1                                      | 115                          |                                         | 4.2                                                                    |
| 7250 0005012        |                                                 |                                                            |                                         | 12c                     | 9.4                                      | 131                          |                                         | 4.1                                                                    |
| 7250 0005016        |                                                 |                                                            |                                         | 16c                     | 10.5                                     | 172                          |                                         | 3.5                                                                    |
| 7250 0005018        |                                                 |                                                            |                                         | 18c                     | 11.1                                     | 192                          |                                         | 3.2                                                                    |
| 7250 0005020        |                                                 |                                                            |                                         | 20c                     | 11.8                                     | 218                          |                                         | 3.1                                                                    |
| 7250 0005025        |                                                 |                                                            |                                         | 25c                     | 13.3                                     | 260                          |                                         | 2.9                                                                    |
| 7250 0005030        |                                                 |                                                            |                                         | 30c                     | 14.0                                     | 302                          |                                         | 2.7                                                                    |
| 7250 0005040        |                                                 |                                                            |                                         | 40c                     | 16.6                                     | 413                          |                                         | 2.4                                                                    |

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