

# 2 core internal cables (JST)

## Specification sheet



IP20 CE

**Relevant products** All internal un-sheathed 2 core cables

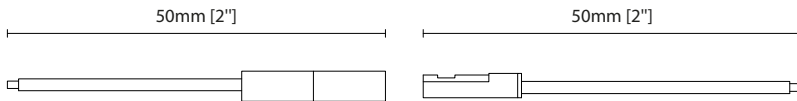
### PRODUCT SPECIFICATION

#### UL1007(UL2468), Subj. 758, Section 1, Page 1333, Style 1333, Single Conductor with Extruded Insulation

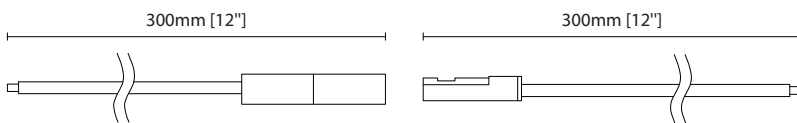
<b>Rating</b>	150°C (302°F), 300 Vac, Horizontal flame. Optional – 80°C (176°C) Oil, Gasoline Resistant.
<b>Conductor</b>	28-22 AWG, solid or stranded, or Litz cable magnet wire, as described below. Litz cable conductor consists of single strand magnet wire, R/C (OBMV2) magnet wire rated a minimum of 150°C (302°F). Each single magnet wire strand is a conductor. AWG size to be determined by the DC Resistance Test per 1581.
<b>Insulation</b>	Extruded FEP, 13 mils minimum average thickness, 12 mils minimum thickness at any point.
<b>Covering</b>	Optional – Extruded FEP, 10 mils minimum thickness at any point, or glass braid, 7 mils minimum thickness any point.
<b>Standard</b>	Appliance Wiring Material UL 758
<b>Marking</b>	General. Wires employing Litz conductors shall be plainly marked on the tag or reel as follows: "Litz conductors are manufactured using solderable magnet wire".
<b>Use</b>	Internal wiring of Appliances. In addition, the tag may also indicate 600 Volts Peak for electronic use only.
<b>Cable Thickness</b>	22AWG
<b>Outer Dimensions</b>	UL1007 1.5-1.7mm (0.06-0.07in) Ø each cable UL1333(2468) 1.3-1.5mm (0.05-0.06in) Ø each cable



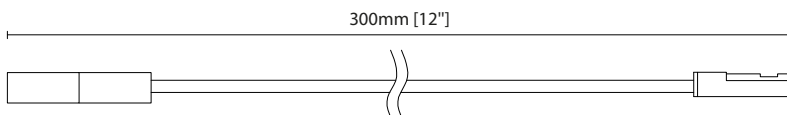
#### KKCN-02 (50mm pair) JST 2 PIN male + female connector set



#### KKCN-04 (300mm pair) JST 2 PIN male + female connector set



#### KKCN-05 2 PIN 300mm JST extension lead



# 4/5 core internal cables

## Specification sheet

**Relevant products** All internal un-sheathed 4 and 5 core LEDmix and RGB cables

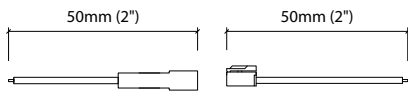
### PRODUCT SPECIFICATION

#### Subj. 758, Section 1, Page 1007, Style 1007, Single Conductor with Extruded Insulation

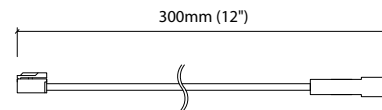
<b>Rating</b>	80°C, 300 Vac, Horizontal flame. Optional – 60°C or 80°C Oil
<b>Conductor</b>	32 AWG - 16 AWG, Solid or Stranded
<b>Insulation</b>	Extruded PVC, 15 mils minimum average thickness, 13 mils minimum thickness at any point.
<b>Standard</b>	Appliance Wiring Material UL 758
<b>Use</b>	Internal wiring of appliances. Tags may indicate the following: 600 V Peak – For Electronic Use Only.
<b>Cable Thickness</b>	4 core RGB 24AWG 4 core LEDmix 24AWG 5 core LEDmix 24AWG 4 core Quadro Luna RGB 18AWG
<b>Outer Dimensions</b>	24AWG 1.3-1.5mm (0.05-0.06in) Ø each cable 22AWG 1.5-1.7mm (0.06-0.07in) Ø each cable 18AWG 1.9-2.1mm (0.07-0.08in) Ø each cable



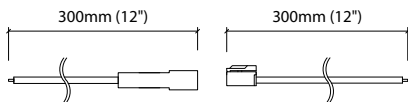
#### KKCN-07 (50mm pair) 4 PIN RGB male+female



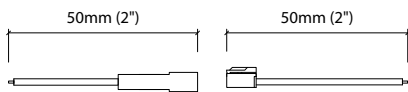
#### KKCN-11 4 PIN RGB 300mm extension lead



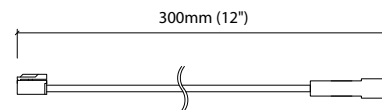
#### KKCN-09 (300mm pair) 4 PIN RGB male+female



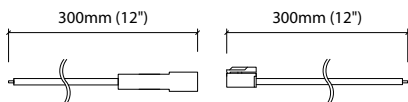
#### KKCN-18 (50mm pair) 4 PIN LEDmix male+female



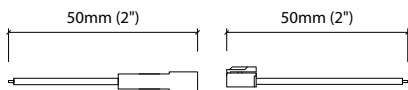
#### KKCN-24 4 PIN LEDmix 300mm extension lead



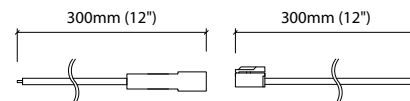
#### KKCN-19 (300mm pair) 4 PIN LEDmix male+female



#### KKCN-29 (50mm pair) 5 PIN LEDmix RGBW male+female



#### KKCN-30 (300mm pair) 5 PIN LEDmix RGBW male+female





# 2 core internal cables

## Specification sheet



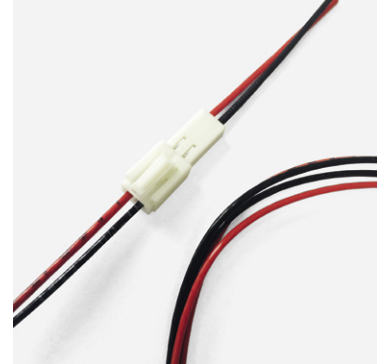
IP20 CE

**Relevant products** All internal un-sheathed 2 core cables

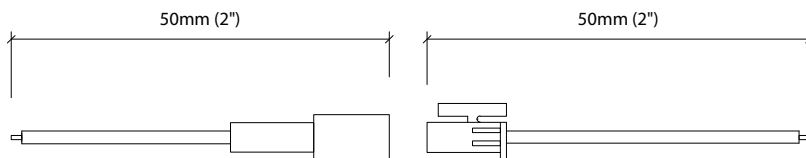
### PRODUCT SPECIFICATION

**UL1007(UL2468), Subj. 758, Section 1, Page 1333, Style 1333, Single Conductor with Extruded Insulation**

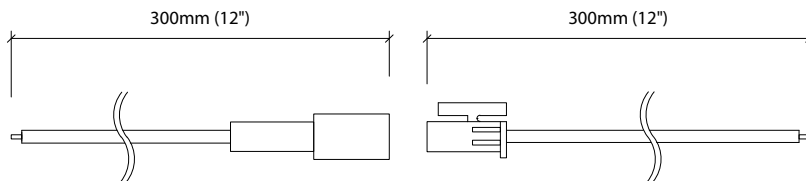
<b>Rating</b>	150°C (302°F), 300 Vac, Horizontal flame. Optional – 80°C (176°C) Oil, Gasoline Resistant.
<b>Conductor</b>	30-10 AWG, solid or stranded, or Litz cable magnet wire, as described below. Litz cable conductor consists of single strand magnet wire, R/C (OBMV2) magnet wire rated a minimum of 150°C (302°F). Each single magnet wire strand is a conductor. AWG size to be determined by the DC Resistance Test per 1581.
<b>Insulation</b>	Extruded FEP, 13 mils minimum average thickness, 12 mils minimum thickness at any point.
<b>Covering</b>	Optional – Extruded FEP, 10 mils minimum thickness at any point, or glass braid, 7 mils minimum thickness any point.
<b>Standard</b>	Appliance Wiring Material UL 758
<b>Marking</b>	General. Wires employing Litz conductors shall be plainly marked on the tag or reel as follows: "Litz conductors are manufactured using solderable magnet wire".
<b>Use</b>	Internal wiring of Appliances. In addition, the tag may also indicate 600 Volts Peak for electronic use only.
<b>Cable Thickness</b>	22AWG
<b>Outer Dimensions</b>	UL1007      1.5-1.7mm (0.06-0.07in) Ø each cable UL1333(2468)    1.3-1.5mm (0.05-0.06in) Ø each cable



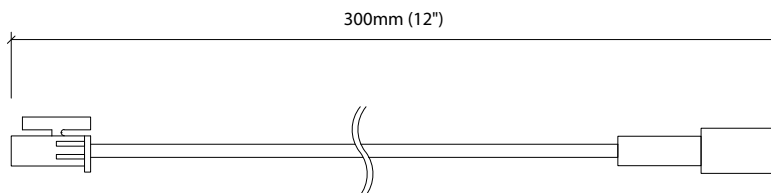
**KKCN-01** (50mm pair) 2 PIN male + female connector set



**KKCN-03** (300mm pair) 2 PIN male + female connector set



**KKCN-06** 2 PIN 300mm extension lead



# Sheathed Cables

## Specification sheet

<b>Relevant products</b>	Duo Luna Duo Luna RGB Quadro Luna KURV-Y KOH 40-S/40-R/40-H MiMi/KKSL/POKI/MoMo/MoMo-L/MoMo-BLOC/PUK-L/Power Cove/TAYO Micro sheathed tails SEN/SEN-F/SEN Louvre/MoMo-F/TAYO Spot/TAYO Ceiling sheathed tails SEN-CV/SEN-F CV/SEN Louvre CV
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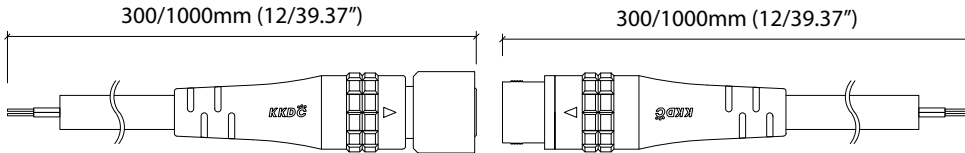
### PRODUCT SPECIFICATION

**1. Subj. 758, Section 2, Page 2464, Style 2464,  
Multiple-conductor cable using non-integral jacket**

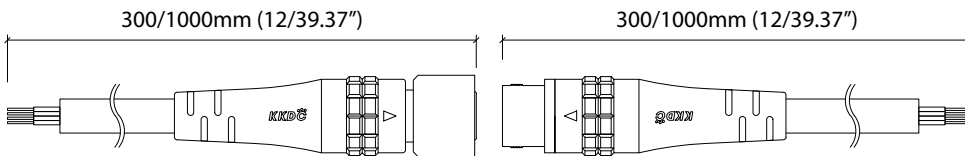
**2. Subj. 758, Section 2, Page 2517, Style 2517**

<b>Rating</b>	UL 2464 -80°C (176°F), 300 Vac, Cable flame UL 2517 -105°C (221°F), 300 Vac, Cable flame																
<b>Insulated Conductor Assembly</b>	Labelled or complying with manufacturer's AWM Procedure Two or more singles, twisted pairs of groups of twisted singles twisted together or singles or groups of singles may be laid parallel to form flat, oval or round cable. Lay not specified. Barrier layer and/or fillers optional. Manufacturer shall maintain a complete description of each assembly. May use same or mixed AWG size.																
<b>Covering Shield Jacket Braid Standard Marking Use Cable Thickness</b>	Optional None Extruded PVC Optional Appliance Wiring Material UL 758 General Internal wiring or external interconnection of electronic equipment Duo Luna 18AWG 2 core Duo Luna RGB 18AWG 4 core Quadro Luna 18AWG 2 core KURV-Y 22AWG 2 Core KOH 40-S/40-R/40-H AWG18 & AWG22 5 core MiMi/KKSL/POKI/MoMo/MoMo-L/MoMo-BLOC/PUK-L/Power Cove/TAYO Micro sheathed tails 22AWG/24AWG 2 core/4 core/5 core SEN/SEN-F/SEN Louvre/MoMo-F/TAYO Spot/TAYO Ceiling sheathed tails 20AWG 2 core/4 core SEN CV/SEN-F CV/SEN Louvre CV sheathed tails 18AWG 2 core																
<b>Outer Dimensions</b>	<table> <tr> <td>Duo Luna</td> <td>5.5 x 3.5mm (0.2mm tolerance) elliptical 0.22 x 0.14in (0.01in tolerance) elliptical</td> </tr> <tr> <td>Duo Luna RGB</td> <td>8.0 x 3.5mm (0.2mm tolerance) elliptical 0.32 x 0.14in (0.01in tolerance) elliptical</td> </tr> <tr> <td>Quadro Luna</td> <td>5.5 x 3.5mm (0.2mm tolerance) elliptical 0.22 x 0.14in (0.01in tolerance) elliptical</td> </tr> <tr> <td>KURV-Y</td> <td>Ø3.4-3.6mm (0.13- 0.14 in)</td> </tr> <tr> <td>KOH 40-S/40-R/40-H sheathed tails</td> <td>Ø6.5-7.1mm (0.3mm tolerance) Ø0.26-0.28in (0.01in tolerance)</td> </tr> <tr> <td>MiMi/KKSL/POKI/MoMo/MoMo-L/MoMo-BLOC/PUK-L/Power Cove/TAYO Micro sheathed tails</td> <td>Ø4.3-4.5mm (0.17- 0.18 in)</td> </tr> <tr> <td>SEN/SEN-F/SEN Louvre/MoMo-F/TAYO Spot/TAYO Ceiling sheathed tails</td> <td>Ø6.3-6.5mm (0.25-0.26in)</td> </tr> <tr> <td>SEN CV/SEN-F CV/SEN Louvre CV sheathed tails</td> <td>Ø6.3-6.5mm (0.25-0.24in)</td> </tr> </table>	Duo Luna	5.5 x 3.5mm (0.2mm tolerance) elliptical 0.22 x 0.14in (0.01in tolerance) elliptical	Duo Luna RGB	8.0 x 3.5mm (0.2mm tolerance) elliptical 0.32 x 0.14in (0.01in tolerance) elliptical	Quadro Luna	5.5 x 3.5mm (0.2mm tolerance) elliptical 0.22 x 0.14in (0.01in tolerance) elliptical	KURV-Y	Ø3.4-3.6mm (0.13- 0.14 in)	KOH 40-S/40-R/40-H sheathed tails	Ø6.5-7.1mm (0.3mm tolerance) Ø0.26-0.28in (0.01in tolerance)	MiMi/KKSL/POKI/MoMo/MoMo-L/MoMo-BLOC/PUK-L/Power Cove/TAYO Micro sheathed tails	Ø4.3-4.5mm (0.17- 0.18 in)	SEN/SEN-F/SEN Louvre/MoMo-F/TAYO Spot/TAYO Ceiling sheathed tails	Ø6.3-6.5mm (0.25-0.26in)	SEN CV/SEN-F CV/SEN Louvre CV sheathed tails	Ø6.3-6.5mm (0.25-0.24in)
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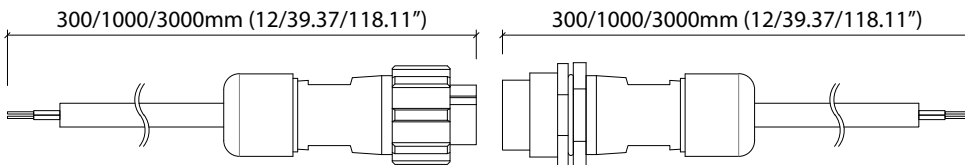
**CN54-2P-0300** (300mm (11.8in) pair) IP54 2 PIN male + female connector set  
**CN54-2P-1000** (1000mm (39.4in) pair) IP54 2 PIN male + female connector set



**CN54-4P-0300** (300mm (11.8in) pair) IP54 4 PIN RGB/LEDmix male + female connector set  
**CN54-4P-1000** (1000mm (39.4in) pair) IP54 4 PIN RGB/LEDmix male + female connector set



**CN67-2P-0300** (300mm (11.8in) pair) IP67 2 PIN male + female connector set  
**CN67-2P-1000** (1000mm (39.4in) pair) IP67 2 PIN male + female connector set  
**CN67-2P-3000** (3000mm (118.1in) pair) IP67 2 PIN male + female connector set



**CN67-4P-0300** (300mm (11.8in) pair) IP67 4 PIN RGB/LEDmix male + female connector set  
**CN67-4P-1000** (1000mm (39.4in) pair) IP67 4 PIN RGB/LEDmix male + female connector set  
**CN67-4P-3000** (3000mm (118.1in) pair) IP67 4 PIN RGB/LEDmix male + female connector set

