

Bill of Materials

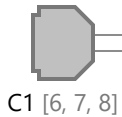
| Id | Type        | Manufacturer                 | Part Number                  | Quantity |
|----|-------------|------------------------------|------------------------------|----------|
| 1  | Backshell   | Amphenol - Part of T3300 001 | Straight Backshell           | 1        |
| 3  | Connector   | Amphenol                     | T3300 001                    | 1        |
| 5  | Heat Shrink | Amphenol - Part of T3300 001 | Clear Heat Shrink - Amphenol | 1        |
| 6  | Lock        | Hirose Part of HR10A         | Shield Clamp                 | 1        |
| 7  | Connector   | Hirose                       | HR10A-7P-6P(74)              | 1        |
| 8  | Backshell   | Hirose Part of HR10A         | Straight Backshell           | 2        |
| 9  | Lock        | Amphenol                     | Shield Clamp                 | 1        |
| 10 | Cable       | Belden                       | 9536 060100                  | 6 ft     |

Pin View

Add heat shrink to each soldered connection

use clamps and crimps provided with the connectors to attach the braided shield

Pin View

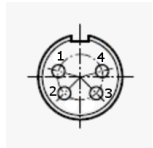


C1 [6, 7, 8]

6 ft



C2 [1, 3, 5, 9]




Cable length is 6 ft ±2"

C1

| Cavity  | To         | Conductor   | Color |
|---------|------------|-------------|-------|
| 1       | C2.4       | CBL1.Red    |       |
| 2       | C2.1       | CBL1.Black  |       |
| 3       | C2.2       | CBL1.White  |       |
| 4       | C2.3       | CBL1.Green  |       |
| 5       | C2.2       | CBL1.Brown  |       |
| 6       | C2.4       | CBL1.Blue   |       |
| Housing | C2.Housing | CBL1.Shield |       |

C2

| Cavity  | To         | Conductor   | Color |
|---------|------------|-------------|-------|
| 1       | C1.2       | CBL1.Black  |       |
| 2       | C1.3       | CBL1.White  |       |
| 2       | C1.5       | CBL1.Brown  |       |
| 3       | C1.4       | CBL1.Green  |       |
| 4       | C1.1       | CBL1.Red    |       |
| 4       | C1.6       | CBL1.Blue   |       |
| Housing | C1.Housing | CBL1.Shield |       |

|                                      |  |              |      |   |  |
|--------------------------------------|--|--------------|------|---|--|
| Title                                |  | Part Number  |      |  | illunis LLC  |
| Hirose 6 pin to DIN double pwr & gnd |  | 21-03200     |      |   |  |
| Description                          |  | Revision     |      |   |  |
| Pwr cable for universal power supply |  | A            |      |   |  |
|                                      |  | Drawn By     | Name | Date  | This document contains confidential and proprietary information that cannot be reproduced or divulged, in whole or in part, without written authorization. |
|                                      |  | Eng Approved | TMS  | 12/9/2020   |  |
|                                      |  | Mfg Approved | BRC  | 12/10/2020  |  |
|                                      |  | QA           | BRC  | 12/10/2020  |  |










|       |          |
|-------|----------|
| Part: | 21-03200 |
|-------|----------|

| Id | Type        | Manufacturer                 | Part Number                  | Description                        | Quantity | Usage |
|----|-------------|------------------------------|------------------------------|------------------------------------|----------|-------|
| 1  | Backshell   | Amphenol - Part of T3300 001 | Straight Backshell           | Thread On                          | 1        | C2    |
| 3  | Connector   | Amphenol                     | T3300 001                    | Circular Din                       | 1        | C2    |
| 5  | Heat Shrink | Amphenol - Part of T3300 001 | Clear Heat Shrink - Amphenol | Clear Heat Shrink                  | 1        | C2    |
| 6  | Lock        | Hirose Part of HR10A         | Shield Clamp                 | Crimp for shield and strain relief | 1        | C1    |
| 7  | Connector   | Hirose                       | HR10A-7P-6P(74)              | 6 Pin                              | 1        | C1    |
| 8  | Backshell   | Hirose Part of HR10A         | Straight Backshell           | Press On                           | 2        | C1    |
| 9  | Lock        | Amphenol                     | Shield Clamp                 | Part of T3300 001                  | 1        | C2    |
| 10 | Cable       | Belden                       | 9536 060100                  | Cable 6cond 24 awg chrome 100ft    | 6 ft     | CBL1  |




|       |          |
|-------|----------|
| Part: | 21-03200 |
|-------|----------|

| From       | To         | Conductor   | Conductor PN | Gauge | Length | Notes   |
|------------|------------|---|--------------|-------|--------|---|
| C1.2       | C2.1       |  CBL1.Black  | 9536 060100  |       | 6 ft   | ±2 inches   |
| C1.3       | C2.2       |  CBL1.White  | 9536 060100  |       | 6 ft   | ±2 inches   |
| C1.4       | C2.3       |  CBL1.Green  | 9536 060100  |       | 6 ft   | ±2 inches   |
| C1.5       | C2.2       |  CBL1.Brown  | 9536 060100  |       | 6 ft   | ±2 inches   |
| C1.6       | C2.4       |  CBL1.Blue   | 9536 060100  |       | 6 ft   | ±2 inches   |
| C2.4       | C1.1       |  CBL1.Red    | 9536 060100  |       | 6 ft   | ±2 inches   |
| C2.Housing | C1.Housing |  CBL1.Shield | 9536 060100  |       | 6 ft   | ±2 inches Braided Shield use clamps and crimps to connect |



|       |          |
|-------|----------|
| Part: | 21-03200 |
|-------|----------|

| # | Type  | Reference Designator | Manufacturer | Part Number | Color  | Gauge | Length | Twisted With |
|---|-------|----------------------|--------------|-------------|--|-------|--------|--------------|
| 1 | Cable | CBL1                 | Belden       | 9536 060100 |  Gray |       | 6 ft   |              |



|       |          |
|-------|----------|
| Part: | 21-03200 |
|-------|----------|

| # | Manufacturer | Part Number | Description | Label Text |
|---|--------------|-------------|-------------|------------|
|   |              |             |             |            |