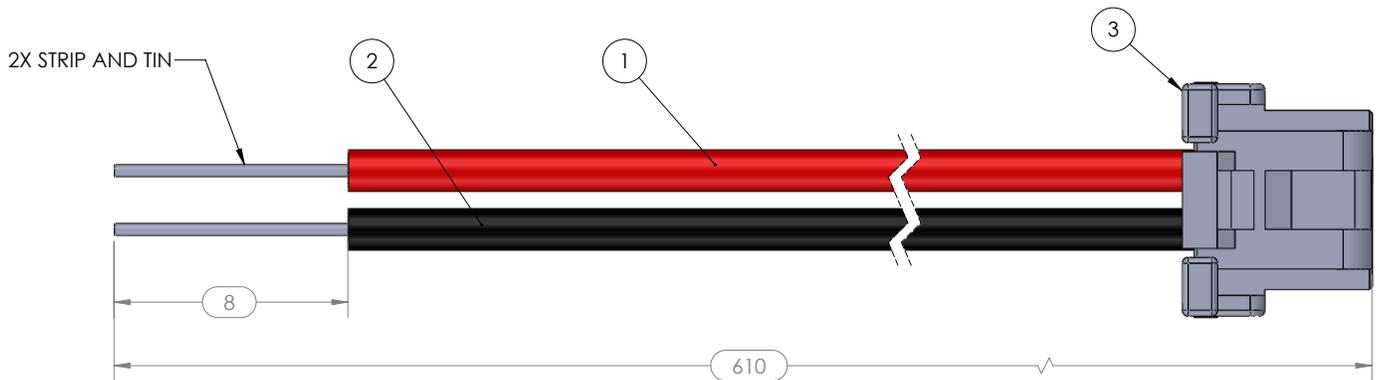araya⁵ TUNABLE COLOR

12 POWER / CONTROL CABLE ASSEMBLIES

12.1.1 Power Cable Assembly (Nominal 24" Length)

Provides power to each module.

Lumenetix part #: 28.030.001.01

Note: All dimensions are in millimeters.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	RED WIRE 24AWG	HOOK -UP WIRE STRANDED 7/32 24AWG RED	1
2	BLACK WIRE 24AWG	HOOK -UP WIRE STRANDED 7/32 24AWG BLACK	1
3	CONNECTOR MOLEX 5023510200		1
4	CRIMP MOLEX 0503728000		2

12.1.2 Pin Allocation Chart for Power Cable Assembly
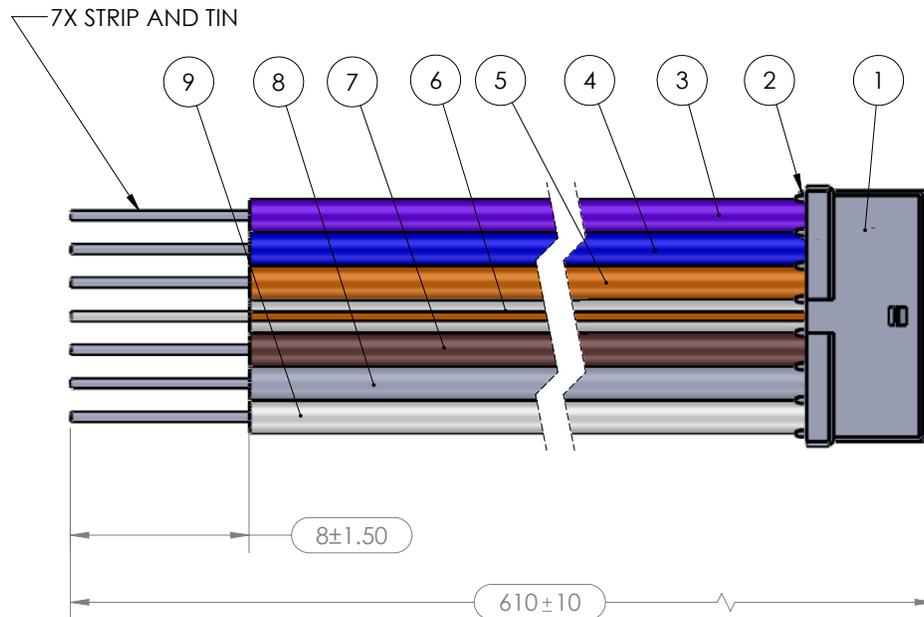
Pin #	Lead Color	Input
Pin 1	Red	Power 24V DC (+)
Pin 2	Black	Power Common (-)

12 POWER / CONTROL CABLE ASSEMBLIES

12.2.1 Control Cable Assembly (Nominal 24" Length)

Provides 0-10V control and RS-485 signals to each module.

Lumenetix part #: 28.002.002.01

7X STRIP AND TIN

8±1.50

610±10

Note: All dimensions are in millimeters.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	874390700	MOLEX CONNECTOR	1
2	874210000	CRIMP	7
3	VIOLET WIRE 24AWG	HOOK-UP WIRE STRANDED 7/32 24AWG VIOLET	1
4	BLUE WIRE 24AWG	HOOK-UP WIRE STRANDED 7/32 24AWG BLUE	1
5	ORANGE WIRE 24AWG	HOOK-UP WIRE STRANDED 7/32 24AWG ORANGE	1
6	WHITE WITH ORANGE STRIPE WIRE 24AWG	HOOK-UP WIRE STRANDED 7/32 24AWG WHITE WITH ORANGE STRIPE	1
7	BROWN WIRE 24AWG	HOOK-UP WIRE STRANDED 7/32 24AWG BROWN	1
8	GREY WIRE 24AWG	HOOK-UP WIRE STRANDED 7/32 24AWG GREY	1
9	WHITE WIRE 24AWG	HOOK-UP WIRE STRANDED 7/32 24AWG WHITE	1

12.2.2 Pin Allocation Chart for Control Cable Assembly

Pin #	Lead Color	Input
Pin 1	Violet	0-10V Dimming (+)
Pin 2	Blue	0-10V Color (+)
Pin 3	Orange	DMX Data (-)
Pin 4	White with orange stripe	DMX Data (+)
Pin 5	Brown	Digital Common
Pin 6	Gray	0-10V Dimming (-)
Pin 7	White	0-10V Color (-)