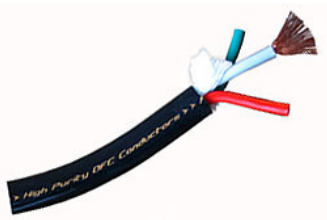


WRAITH AC1 POWER CABLE

COMPONENTS REQUIRED

The listed components are products that we carry and what we have used to build this high-end power cable.

PRODUCT DESCRIPTION	QUANTITY FOR ONE 6ft POWER CABLE
• Xsymphony Power One Cable	1 x 6'(ft)
• Furutech F15G Plug	1
• Furutech F15MG Plug	1
• Ø1/2" Techflex Expandable Sleeving	1 x 6'(ft)-9"(in)
• Ø1-1/2" 3:1 Ratio Heat shrink	2 x 5-1/2"(in) Long
• Ø3/4" 3:1 Ratio Heat shrink	2 x 3-1/2"(in) Long
• Ø3/4" 2:1 Ratio AC1 Logo Heat shrink	1 x 3"(in) Long
• Telfon® Tape	10"(in) Long



Xsymphony Power One



AC Male Plug



AC IEC Plug



Logo Heatshrink



Heatshrink



PET TechFlex

TOOLS REQUIRED

The below list are suggested tools that can be used to build these cables. Through trial and error we found that the **optional tools** worked well with our method of assembly.



Stripper/ Cutter



Heat Gun



Multimeter

(Optional Tools):



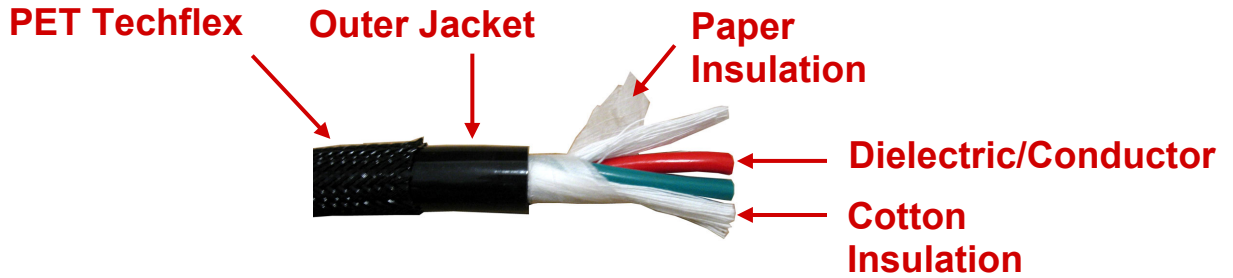
X-Acto Knife



Teflon® Tape

WRAITH AC1 POWER CABLE

PREPARING XSYMPHONY POWER ONE CABLE



1. Take 6'(ft) Xsymphony Power One wire and pull back Techflex PET sleeving slightly... then strip away 1-3/4"(in) of the outer jacket for both ends (Fig.1)
2. Remove both paper and cotton insulation ... then strip off 3/8"(in) of dielectric from conductor (Fig.2)

NOTE: Each conductor is 12awg so it is best to use the 10awg hole to strip. This will prevent cutting into the fine copper strand conductors.

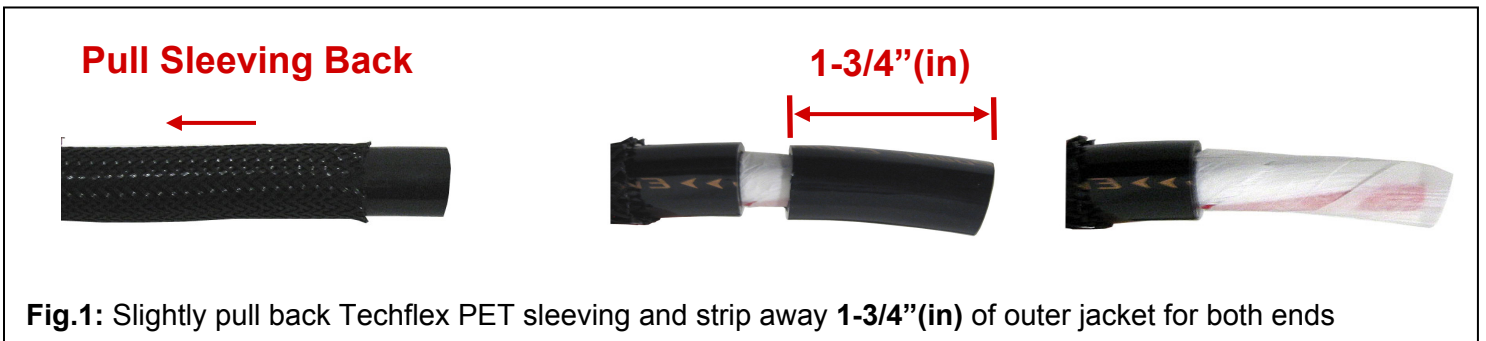


Fig.1: Slightly pull back Techflex PET sleeving and strip away 1-3/4"(in) of outer jacket for both ends

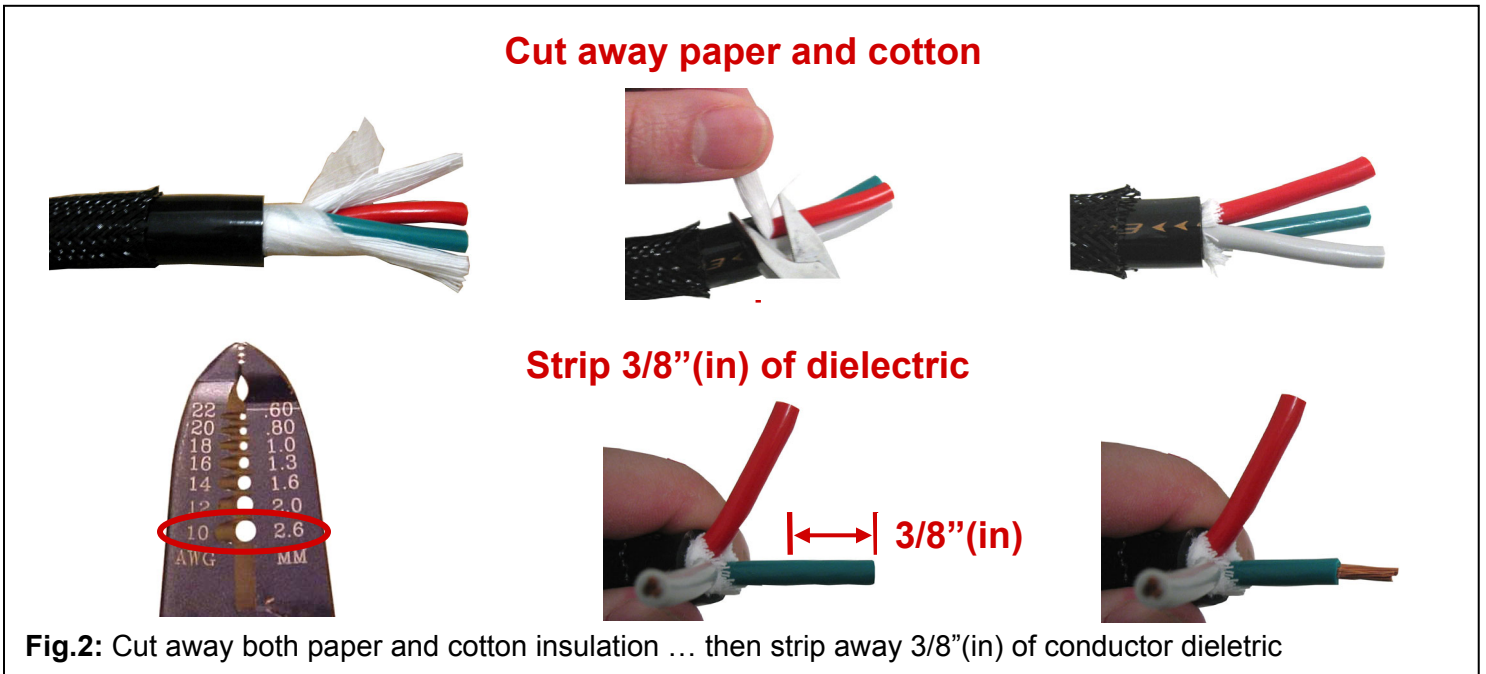
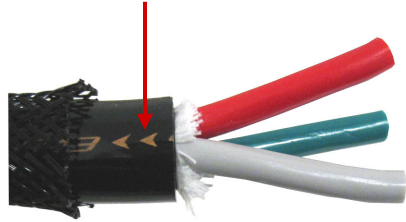


Fig.2: Cut away both paper and cotton insulation ... then strip away 3/8"(in) of conductor dielectric

WRAITH AC1 POWER CABLE

PREPARING XSYMPHONY POWER ONE CABLE

Directional Arrow



FI15M (Male)

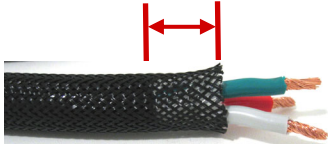


NOTE: Xsymphony Power One cable has direction arrows to indicate current flow. Connect the FI15M (male) plug at the end where the arrows are flowing away from that end.

3. Pull PET Techflex sleeving straight until it overhangs jacket by approximately 3/4"(in) ... then insert $\text{Ø}3/4$ "(in) x 3-1/2"(in) long heat shrink over cable until flush with sleeving edge (**Fig. 3**)
4. Take supplied Teflon® tape and wrap around PET Techflex sleeving and then shrink heat shrink in place (**Fig. 4**)

NOTE: Wrapping Teflon® around PET Techflex sleeving will help prevent possible melting of sleeving

3/4" Overhang



Insert Heat Shrink



Flush with Sleeving Edge



Fig.3: Pull sleeving straight until overhangs cable jacket 3/4"(in) ... then insert $\text{Ø}3/4$ "(in) x 3-1/2"(in) long heat shrink over cable until flush with sleeving edge

Teflon® Flush with Heat Shrink



Fig.4: Wrap Teflon® tape around PET Techflex sleeving by starting at edge of heat shrink sleeving ... then shrink in place

WRAITH AC1 POWER CABLE

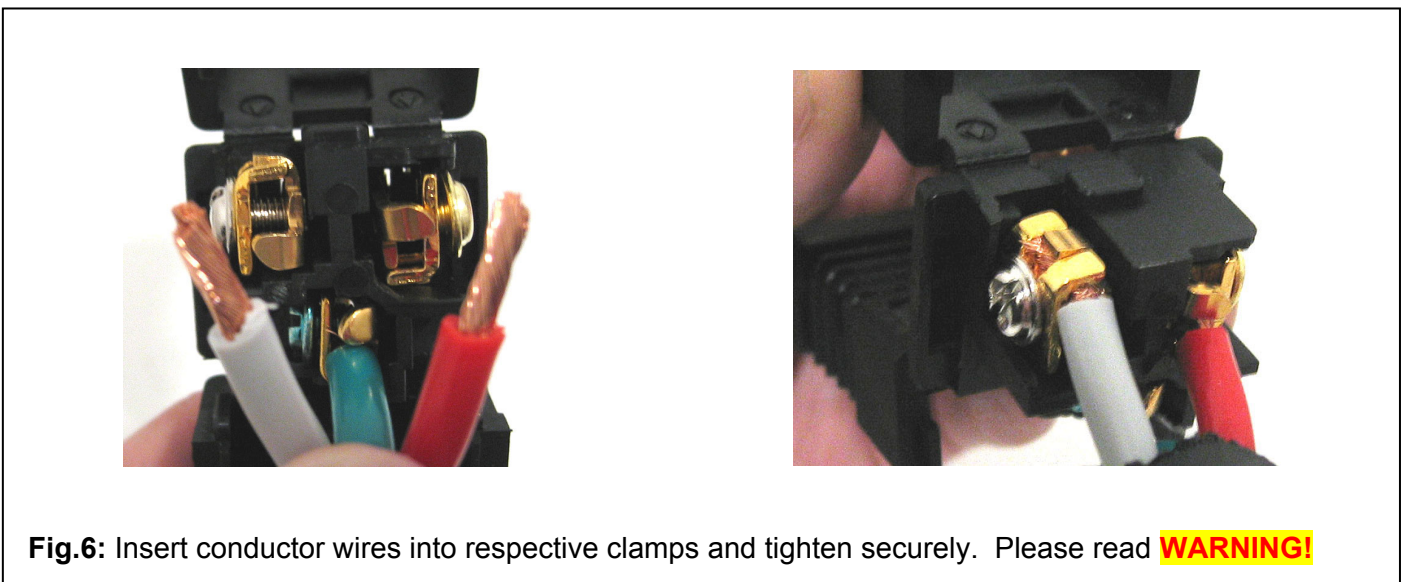
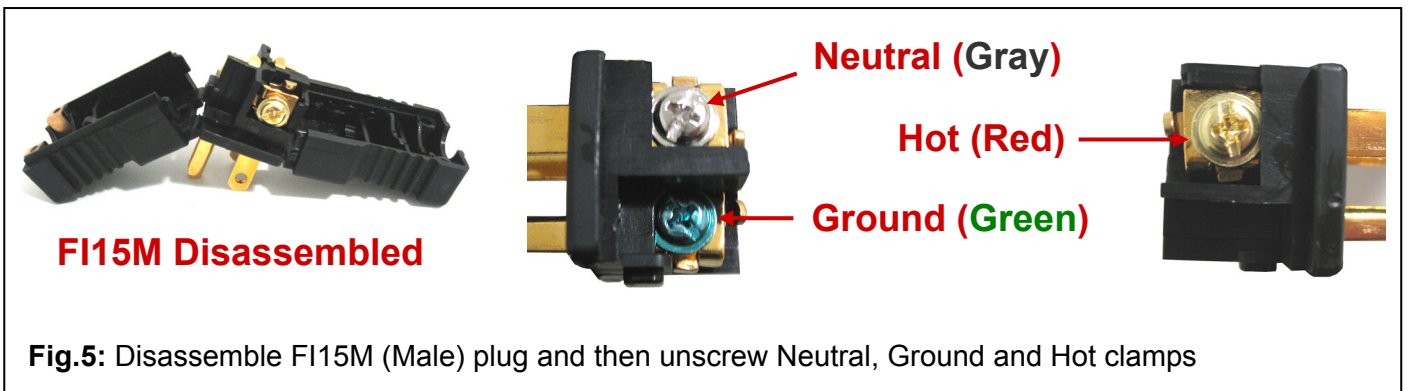
TERMINATING FURUTECH FI15M (MALE) PLUG



5. Disassemble FI15M (Male) plug and unscrew the Ground (**Green**), Neutral (**Gray**), and Hot (**Red**) clamps (**Fig. 5**)
6. Insert stripped conductor Ground wire (**Green**), Neutral wire (**Gray**), and Hot wire (**Red**) into their respective clamps on the FI15M plug ... then **tightly** fasten in place (**Fig. 6**)

NOTE: Ensure that conductors are tightly fastened in clamp and that there are **NO** loose strands.

WARNING! LOOSE STRANDS MAY CAUSE SHORTING

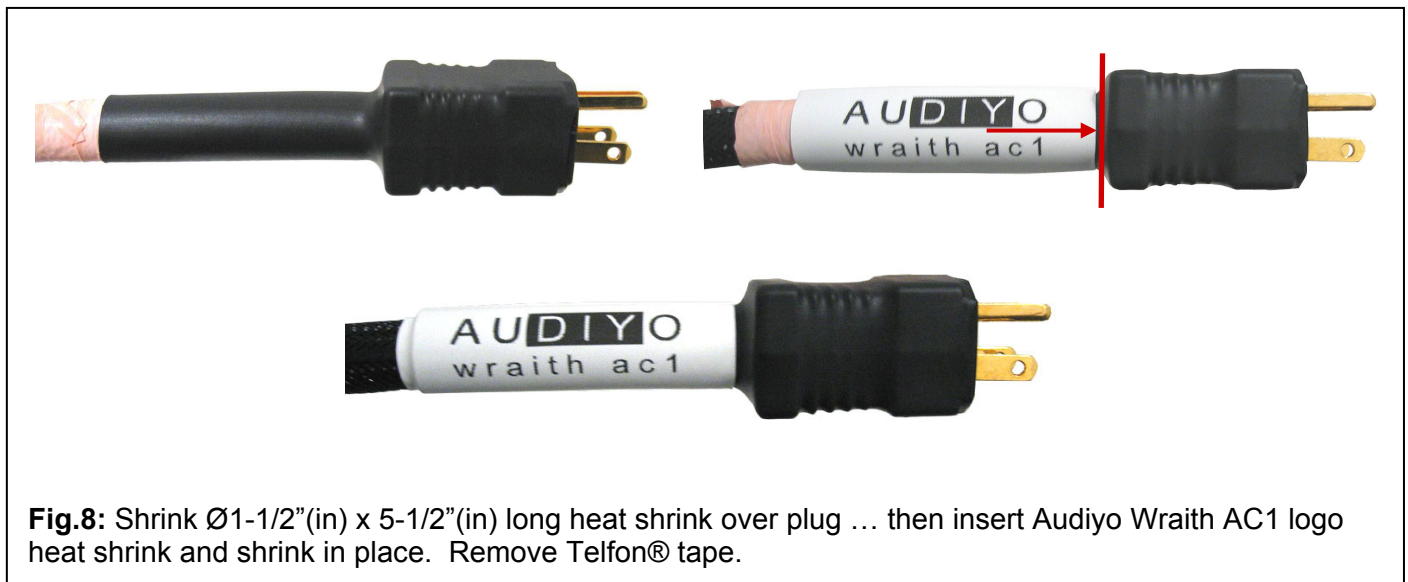
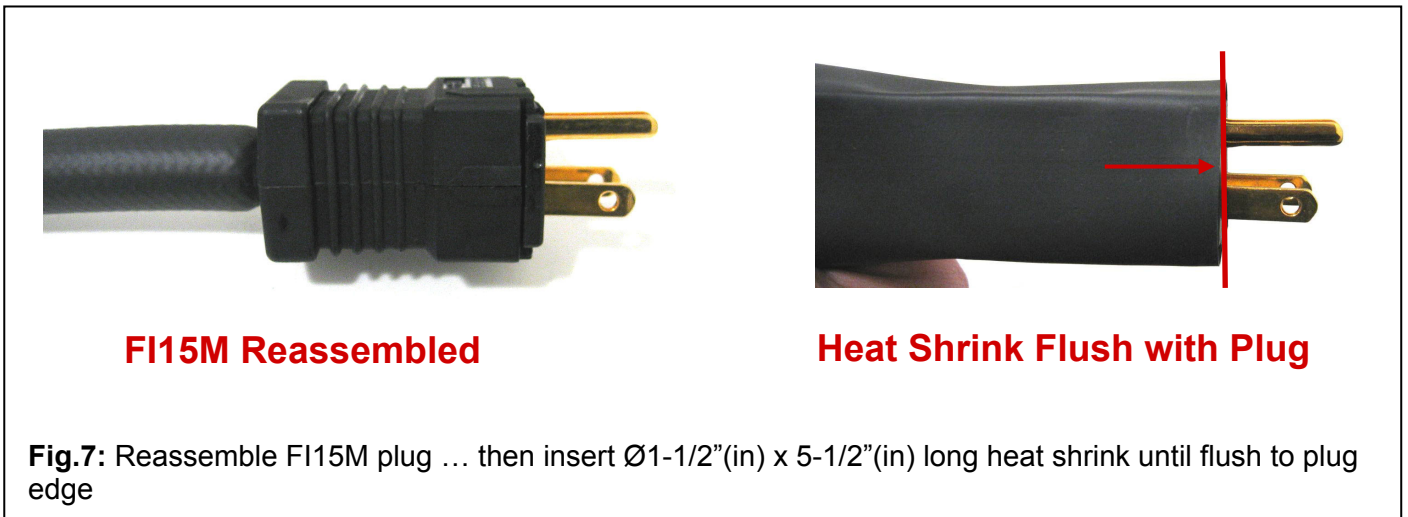


WRAITH AC1 POWER CABLE

TERMINATING FURUTECH FI15M (MALE) PLUG



7. Reassemble the FI15M (Male) plug ... then insert $\text{Ø}1\text{-}1/2\text{'(in)}$ x $5\text{-}1/2\text{'(in)}$ long heat shrink over plug until flush with plug edge (**Fig. 7**)
8. Shrink the $\text{Ø}1\text{-}1/2\text{'(in)}$ x $5\text{-}1/2\text{'(in)}$ long heat shrink over plug and cable ... then insert Audiyo Wraith AC1 logo heat shrink over cable and shrink in place. Then remove Teflon® tape (**Fig. 8**)



WRAITH AC1 POWER CABLE

TERMINATING FURUTECH FI15 (IEC) PLUG



9. Take Ground Fork type terminal and cut wire opening enough to fit 12awg Ground (**Green**) wire ... then insert ground wire and crimp together with pliers (**Fig. 9**)

WARNING! Ensure that wires are connected at their correct location.

10. Disassemble FI15 (IEC) plug ... then Repeat Steps 3 through 7 (Fig.3-7,10)

11. Final step is to shrink the $\text{Ø}1\text{-}1/2\text{''(in)}$ x $5\text{-}1/2\text{''(in)}$ long heat shrink over plug and cable (**Fig.10**)

NOTE: Use a Multimeter to check for continuity to make sure that the cable is not shorted.

