JSS

Cable/Wire Wizard

ID	Name	SWColor
1	red	
2	black	
3	green	
4	blue	
5	purple	

A. Cable/Wire Library Wizard.

Step 1. Is necessary, open the Terminal file.

Step 1. Click Routing Menu > Routing Tools > Routing Library Manager.

Step 2. In the Routing Library Manager click **Cable Wire Library Wizard** button, **Fig. 1**.

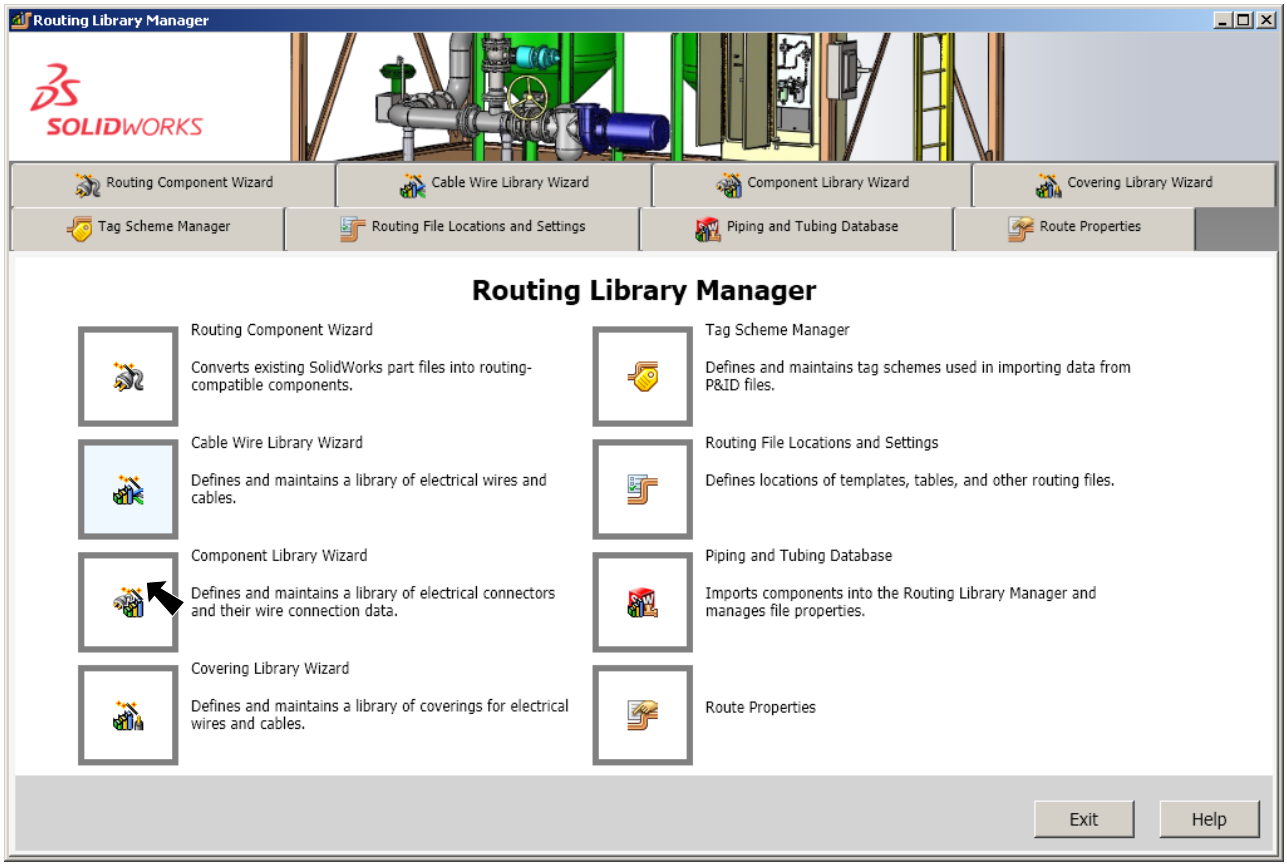

Fig. 1

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Step 3. Select **Open an existing library**, **Fig. 2**.

Step 4. Click Next.

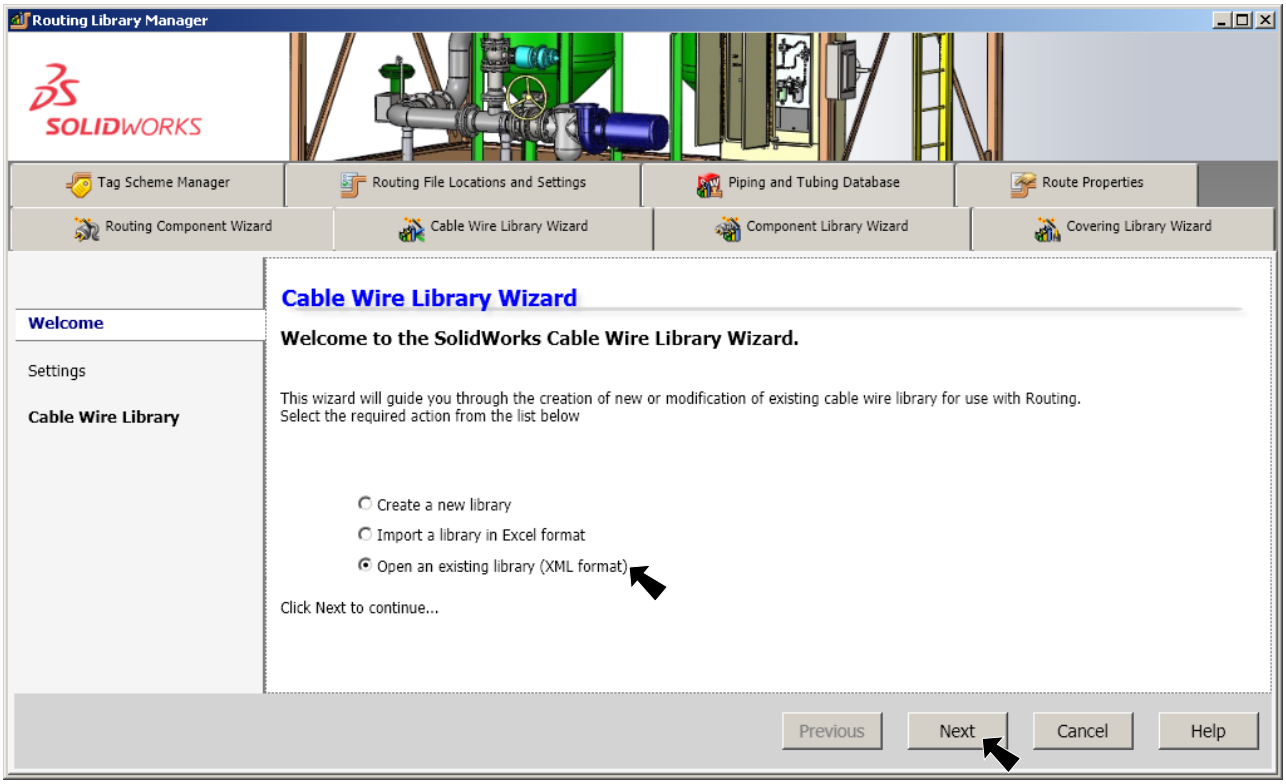


Fig. 2

Step 5. Set Library type to **Wire Library** and click **Save As** button, **Fig. 3**.

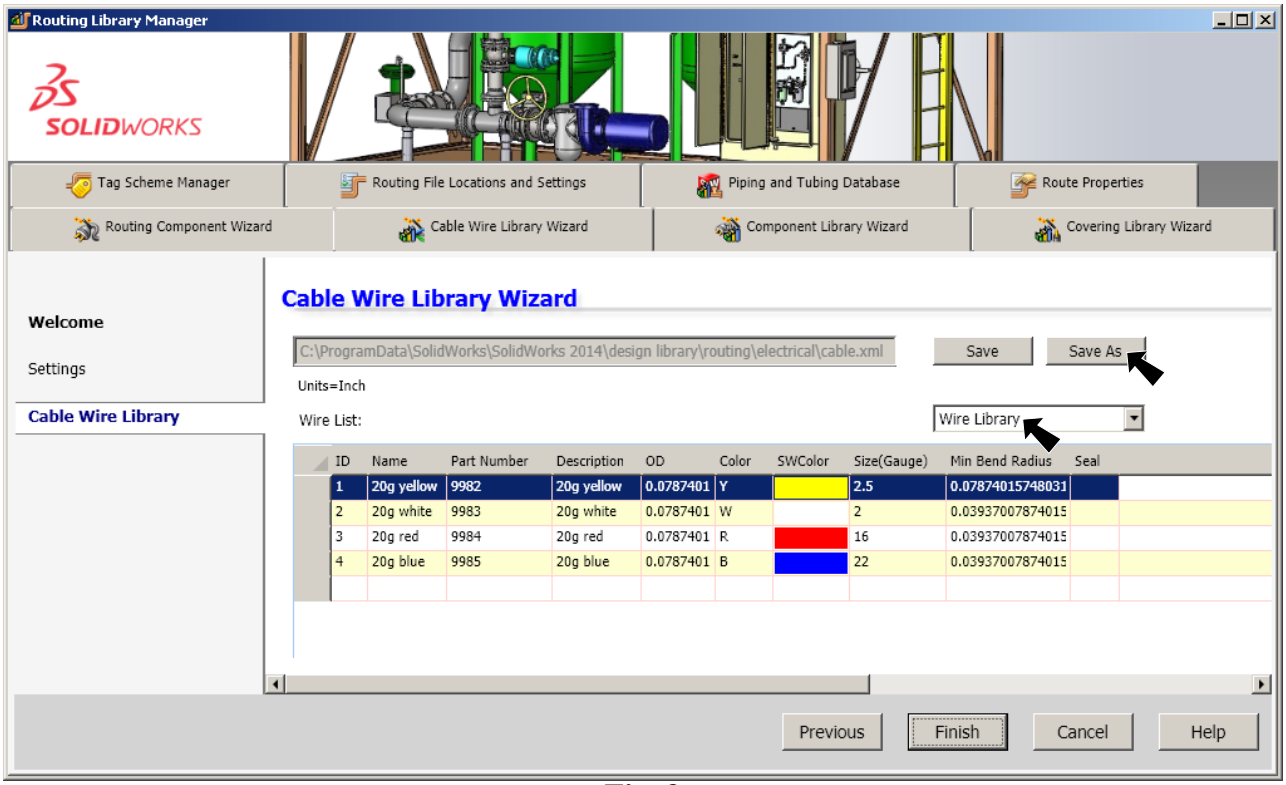


Fig. 3

Step 6. In the Save As dialog box:
key-in **my cable** for file name, **Fig. 4**
set Save as type: **XmlFiles**
navigate to **My Documents/Tech Ed 14-15/My Electrical Routing** folder, **Fig. 4** Click **Recent Places** will make it easy to find My Electrical Routing folder.
click **Save**.

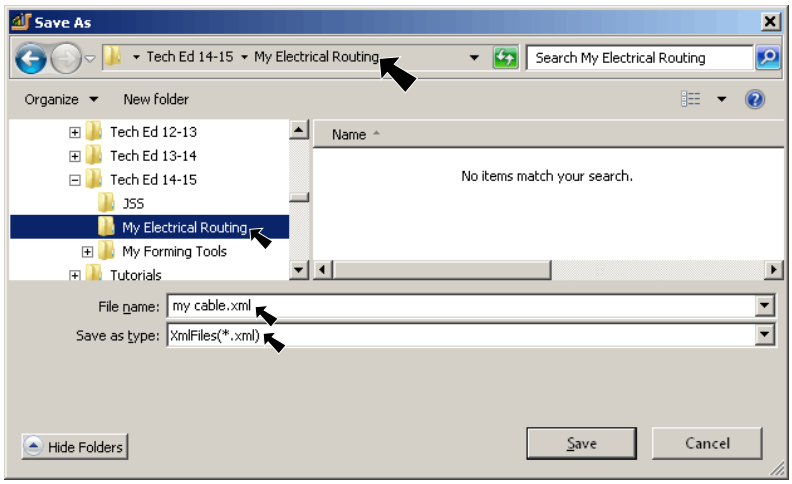


Fig. 4

Step 7. Delete all rows except red. To delete, **Ctrl click yellow, white and blue rows** to select. Then, press **Delete key**, **Fig. 5** and **Fig. 6**.

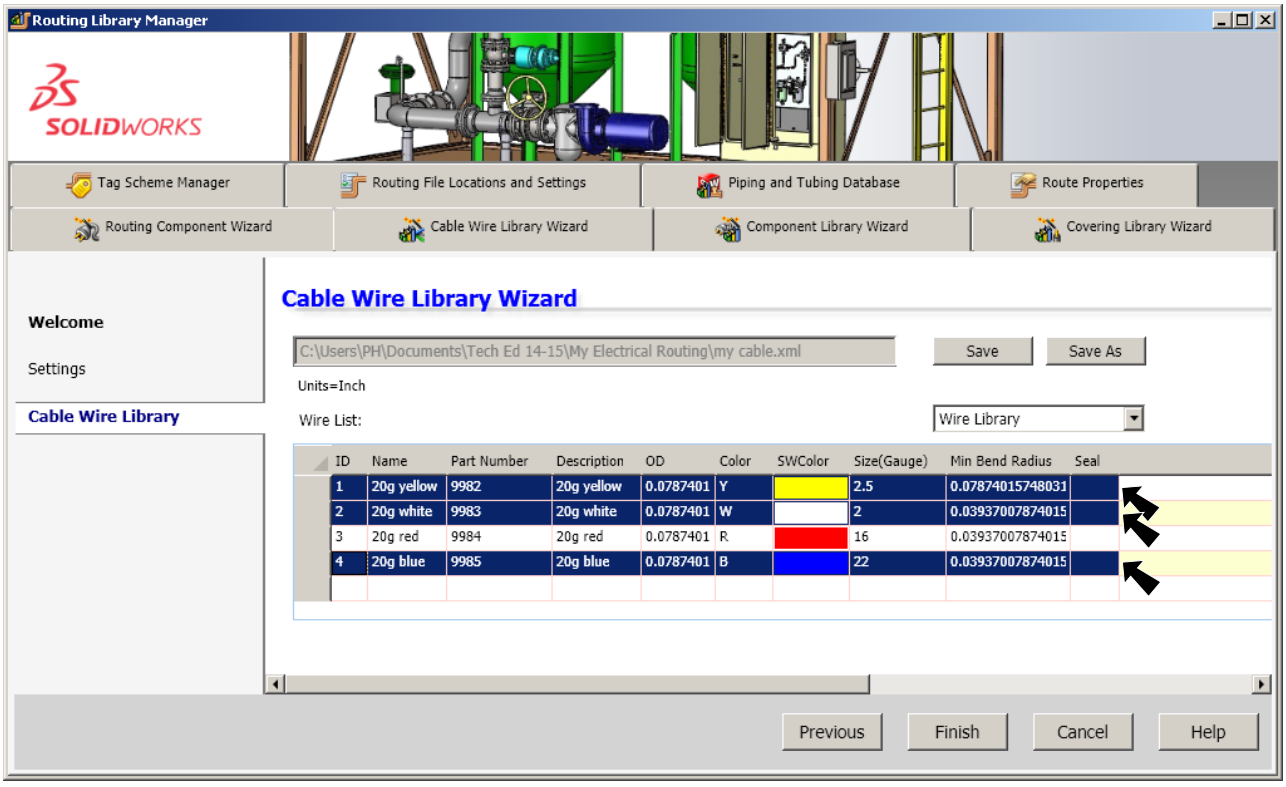


Fig. 5

Step 8. Double click **20g red** under Name column and key-in **red**, **Fig. 6**.

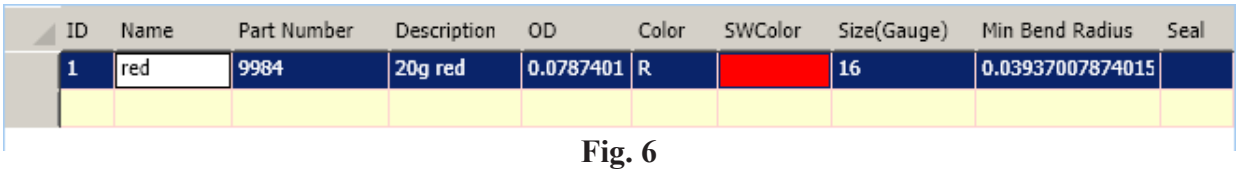
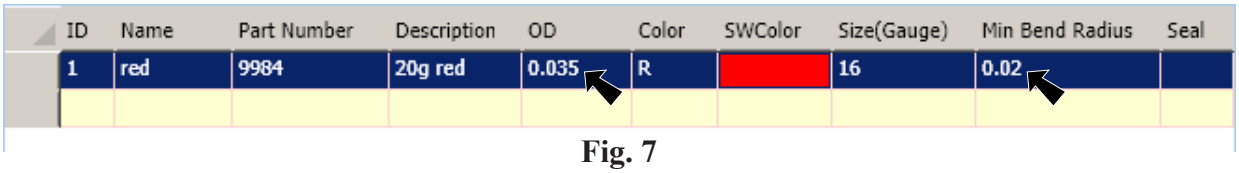


Fig. 6

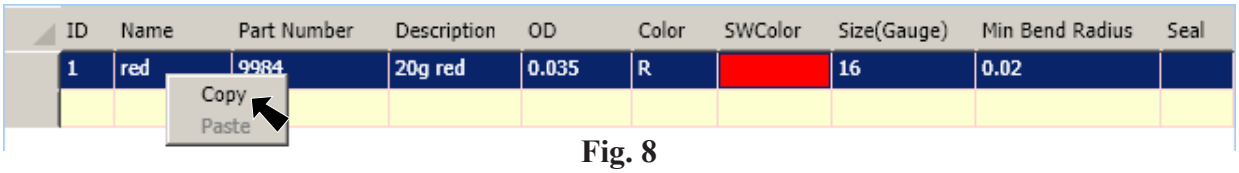
Step 9. Change **OD to .035** and **Min Bend Radius to .02**, **Fig. 7**.



ID	Name	Part Number	Description	OD	Color	SWColor	Size(Gauge)	Min Bend Radius	Seal
1	red	9984	20g red	0.035	R		16	0.02	

Fig. 7

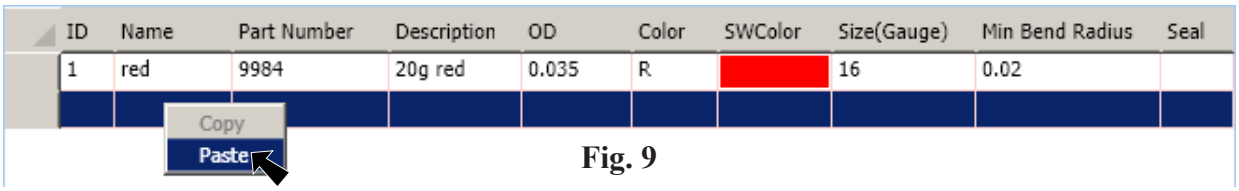
Step 10. **Right click red row** and click **Copy**, **Fig. 8**.



ID	Name	Part Number	Description	OD	Color	SWColor	Size(Gauge)	Min Bend Radius	Seal
1	red	9984	20g red	0.035	R		16	0.02	

Fig. 8

Step 11. **Paste row 4 times**. To paste, **right click blank row** and click Paste, **Fig. 9**. Repeat pasting until you have 4 new rows, **Fig. 10.** Copy then Paste.



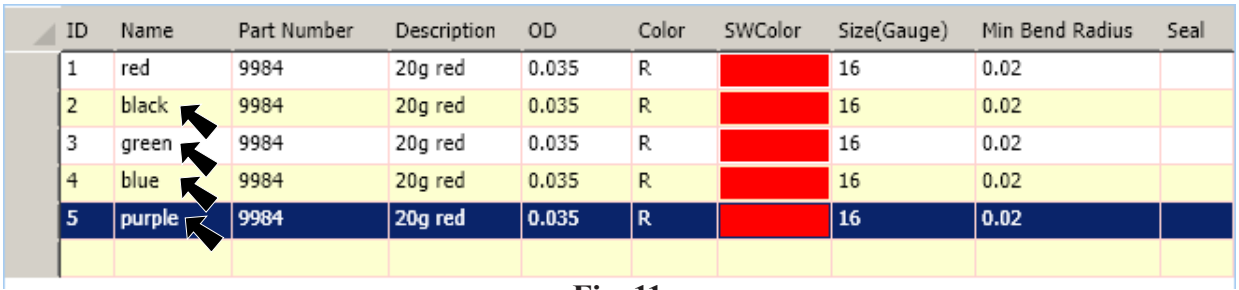
ID	Name	Part Number	Description	OD	Color	SWColor	Size(Gauge)	Min Bend Radius	Seal
1	red	9984	20g red	0.035	R		16	0.02	

Fig. 9

ID	Name	Part Number	Description	OD	Color	SWColor	Size(Gauge)	Min Bend Radius	Seal
1	red	9984	20g red	0.035	R		16	0.02	
2	Wire2	9984	20g red	0.035	R		16	0.02	
3	Wire3	9984	20g red	0.035	R		16	0.02	
4	Wire4	9984	20g red	0.035	R		16	0.02	
5	Wire5	9984	20g red	0.035	R		16	0.02	

Fig. 10

Step 12. Under Name, **rename the pasted rows**: **black**, **green**, **blue** and **purple**, **Fig. 11**.



ID	Name	Part Number	Description	OD	Color	SWColor	Size(Gauge)	Min Bend Radius	Seal
1	red	9984	20g red	0.035	R		16	0.02	
2	black	9984	20g red	0.035	R		16	0.02	
3	green	9984	20g red	0.035	R		16	0.02	
4	blue	9984	20g red	0.035	R		16	0.02	
5	purple	9984	20g red	0.035	R		16	0.02	

Fig. 11

Step 13. In the **black row**, **double click** the **SWColor swatch**, **Fig. 12**.

ID	Name	Part Number	Description	OD	Color	SWColor	Size(Gauge)	Min Bend Radius	Seal
1	red	9984	20g red	0.035	R		16	0.02	
2	black	9984	20g red	0.035	R		16	0.02	
3	green	9984	20g red	0.035	R		16	0.02	
4	blue	9984	20g red	0.035	R		16	0.02	
5	purple	9984	20g red	0.035	R		16	0.02	

Fig. 12

Step 14. Click the **black swatch** in the Color dialog box and click OK, **Fig. 13**.

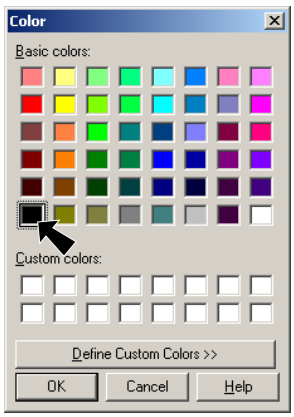


Fig. 13

Step 15. Change the color swatch for each row, **Fig. 14**.

ID	Name	Part Number	Description	OD	Color	SWColor	Size(Gaug
1	red	9984	20g red	0.035	R		16
2	black	9984	20g red	0.035	Black		16
3	green	9984	20g red	0.035	ff00ff40		16
4	blue	9984	20g red	0.035	ff0080ff		16
5	purple	9984	20g red	0.035	Fuchsia		16

Fig. 14

Step 16. Click **Save** button, **Fig. 15**, then OK.

Step 17. Click routing **Routing File Locations and Settings** tab at the top of Manager, **Fig. 15**.

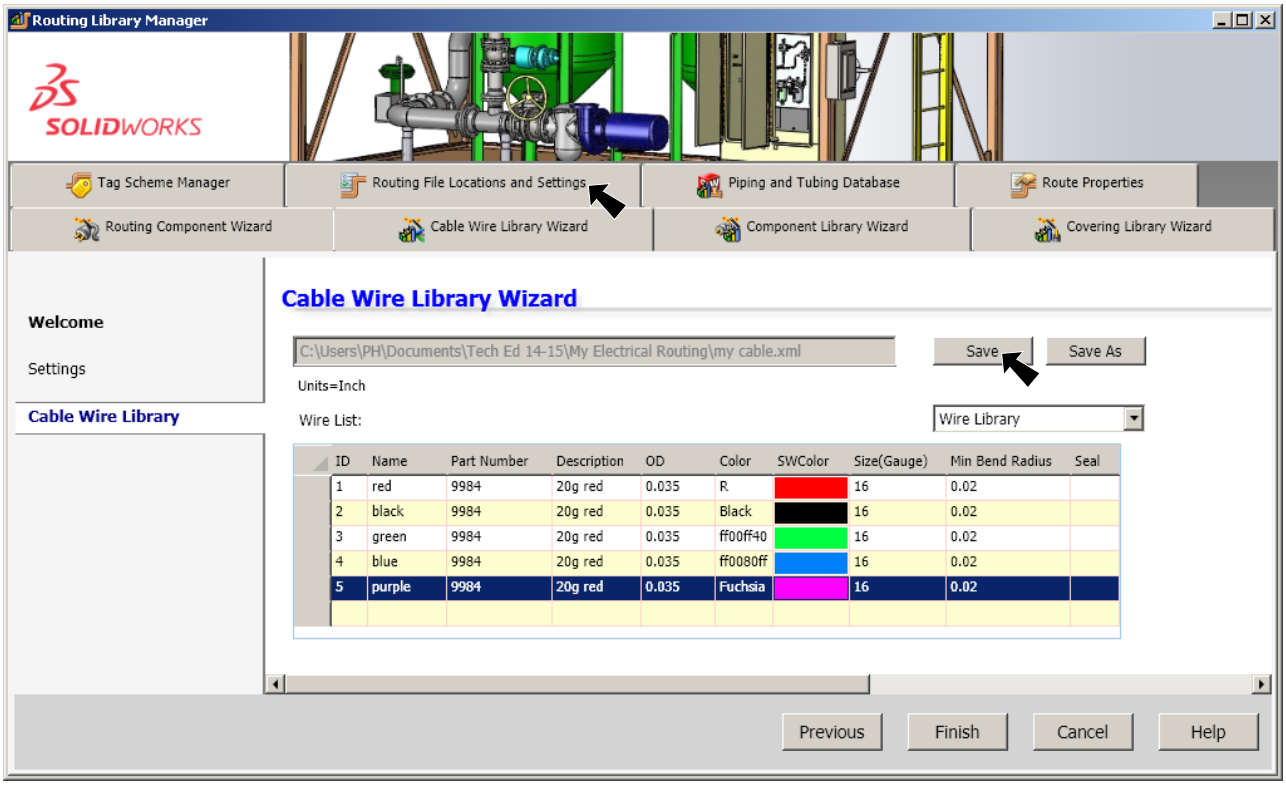


Fig. 15

Step 18. Under **Electrical cabling** in the **Cable wire library:** click the Browse button [...], **Fig. 16**.

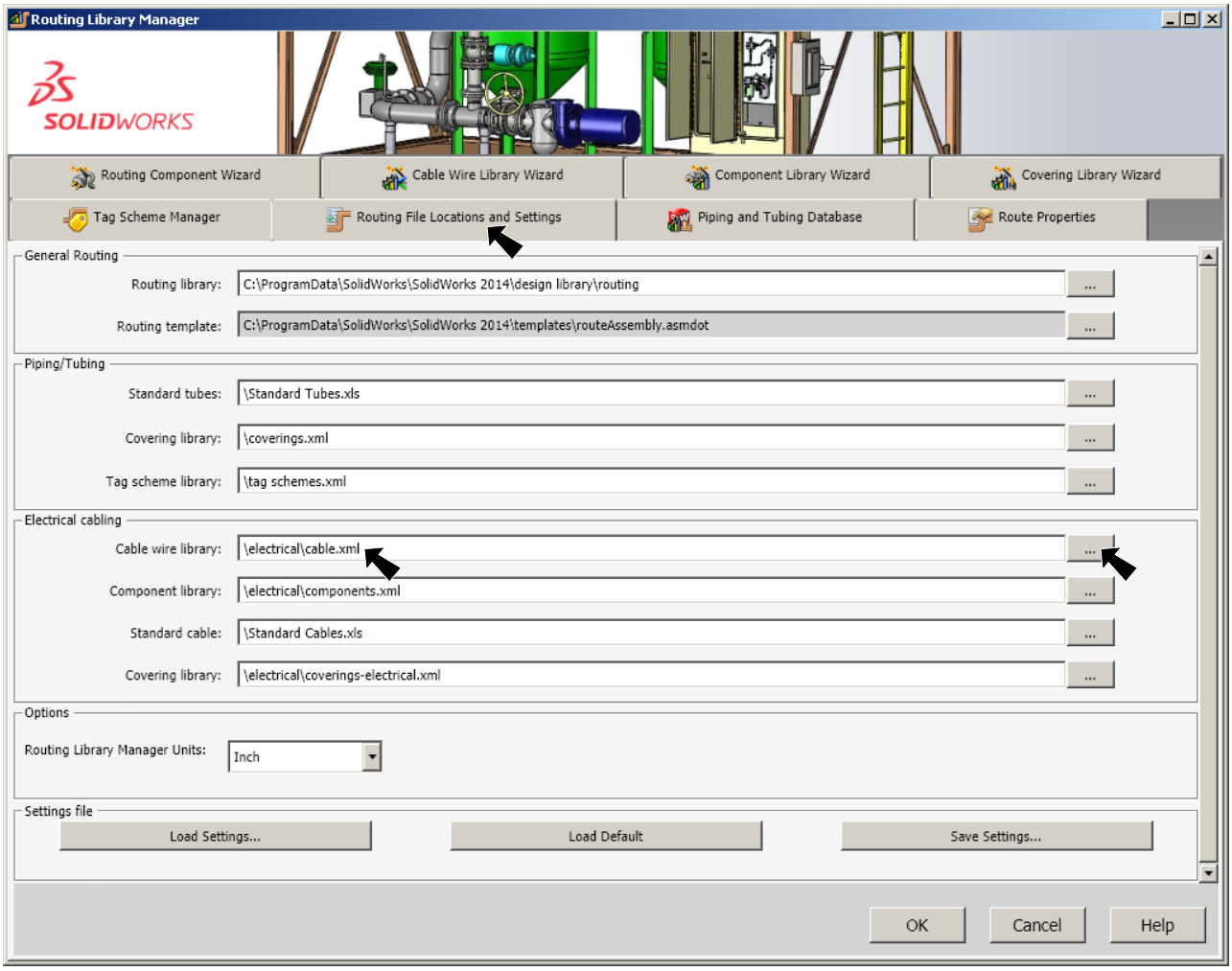


Fig. 16

Step 19. In the Open dialog box:

navigate to
My Documents/Tech Ed 14-15/My Electrical Routing folder, **Fig. 17**
select your **my cable.xml** file

click **Open**.

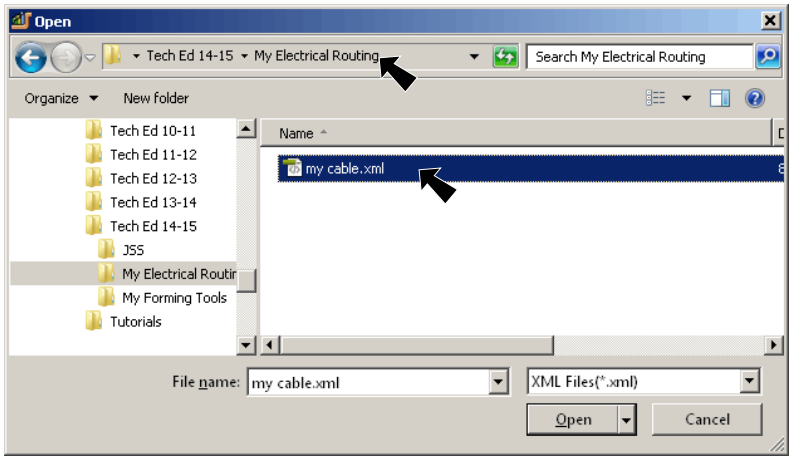


Fig. 17

Step 20. Back in the Routing Library Manager, click OK and Exit, **Fig. 18**.

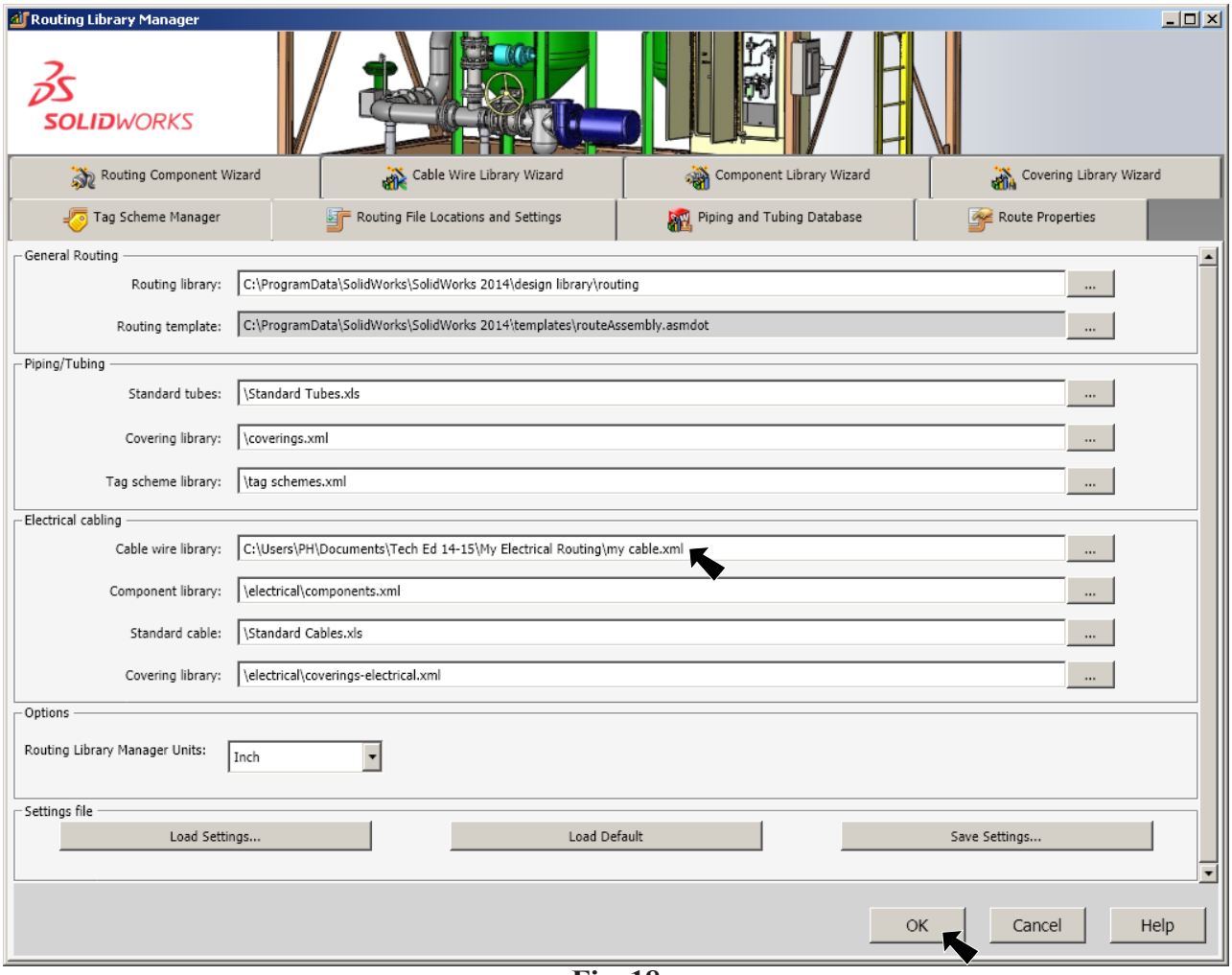


Fig. 18