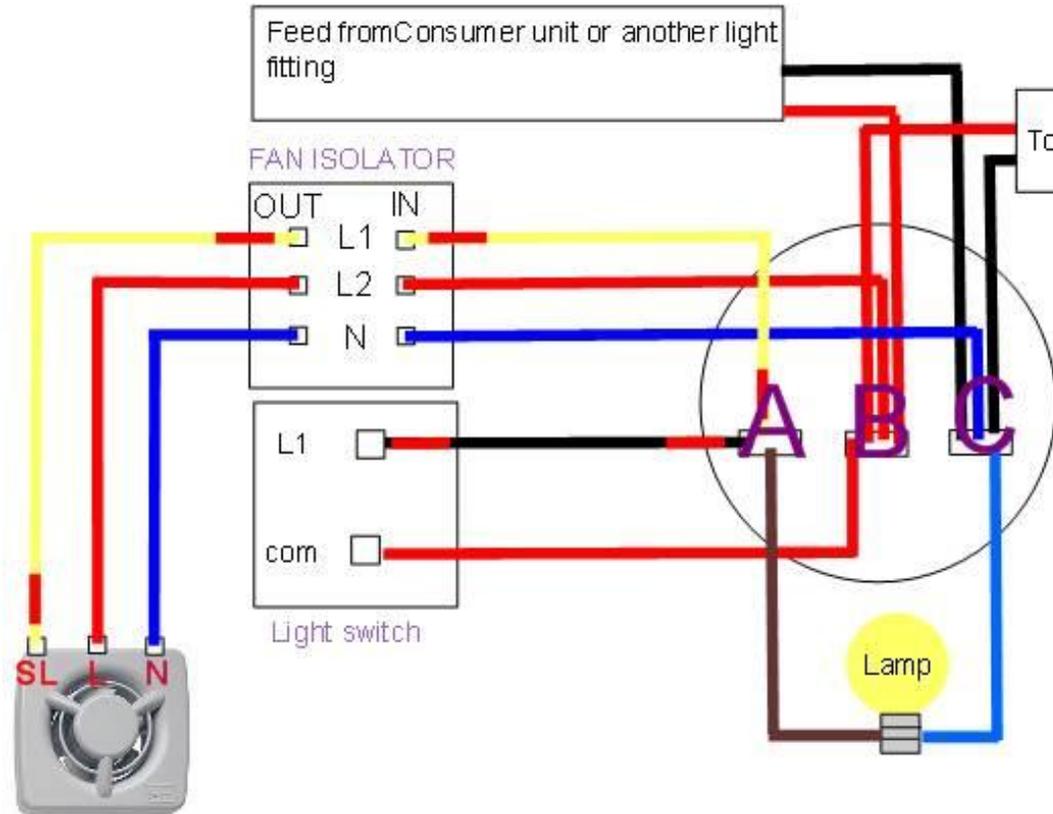


Here is the wiring diagram (old colour's)- don't worry it is not that difficult to understand, I will talk you through everything!

This is the way that 90% of houses today are wired up, if yours is different or there is something that you do not understand then please ask in the electricians forum

Most things are labelled up here apart from the ceiling rose/junction box ( you could have one or the other). I have labeled the terminals in the junction box to help explain what the wires do, once you have looked at it a few times it will become clear.

Please bear in mind that your ceiling rose/junction box may have the permanent live, switched live and neutral in different positions as there is no set way of wiring them, you can identify them by the wires going to the terminals.



The earth wires have been omitted for clarity, but must be connected.

You can see the feed in and the feed out- ignore these, all you need to know is that-

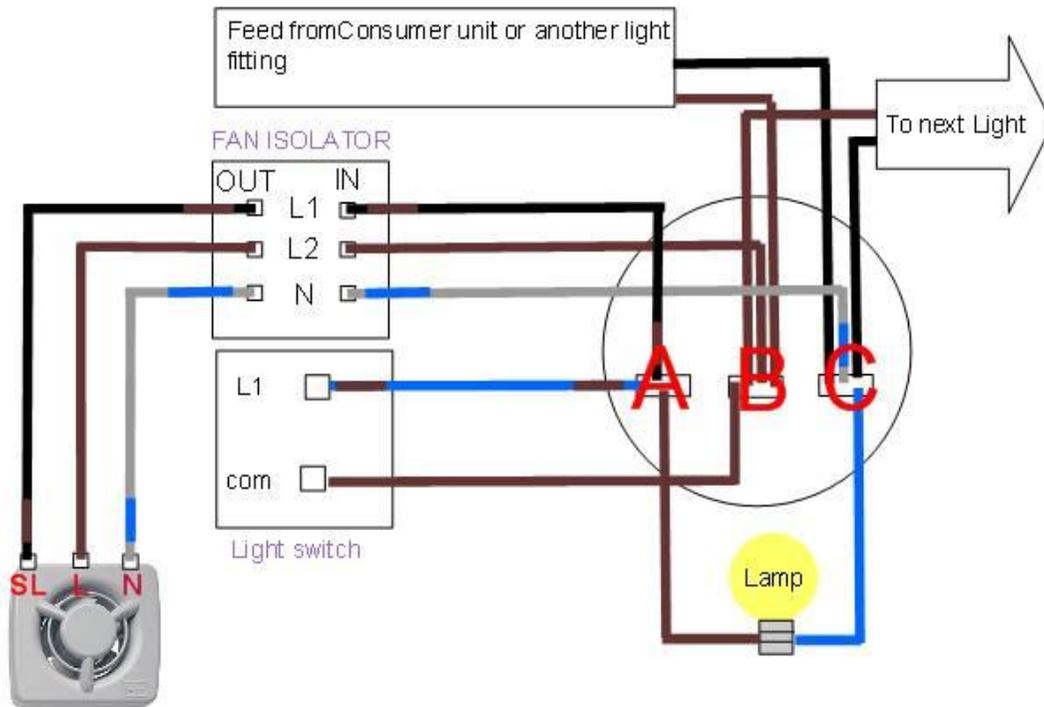
A is switched live ( it becomes live when the switch is on)

B is permanent live (this is live all the time)

C is Neutral

Ignore the two wires going to the Lamp and ignore the two wires going to the light switch.

Now it's much easier as you only have six wires (two cables) to think about.



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So you now have your fan, a triple pole switch and enough three core and earth cable!

Fix the fan to a suitable piece of timber in the loft and then fix the three pole switch, instructions on how to do this can be found here-  
how to fit a back box

You now need to run the cable in the permitted zones

The three core cable is connected to the ceiling rose as follows-

Wire colour	Ceiling Rose	Isolator switch		Extractor fan
		IN	OUT	
BLACK (SLEEVED BROWN)	SWITCHED LIVE TERMINAL	L1	L1	SL
BROWN	PERMANENT LIVE TERMINAL	L2	L2	L
GREY(SLEEVED BLUE)	NEUTRAL TERMINAL	N	N	N