

Answer on Question#53199 - Physics - Electric Circuits

Describe how a single neutral conductor can be made positively charged?

Solution:

This conductor can be placed into the external electric field (for example, created by the dielectric charged by friction). It'll become polarized. If we now ground the conductor, the positive or negative charge will leave the conductor (depends on the direction of the electric field). Disconnecting it from the ground we obtain the charged conductor.

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