Subject: Re: A New Ground
Posted by Wayne Parham on Mon, 30 Oct 2017 17:48:49 GMT
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The problem with grounding is pretty basic but the solutions may or may not be. To me, if I can put all equipment close enough together to share a common single-point ground, then that's what I do. But if any part is far away, then the systems need to be isolated rather than trying to connect the grounds. A good ground connection can't have a long conductor separating components because there is a potential voltage drop along the conductor. So the only good way to connect distant equipment is through some method that isolates the systems, e.g. using optical or electro-magnetic couplers.