

Re: Any German speakers here?

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- *From:* "Michael A. Terrell" <[mike.terrell@xxxxxxxxxxxxxx](mailto:mike.terrell@xxxxxxxxxxxxxx)>
  - *Date:* Tue, 06 Dec 2005 14:02:50 GMT
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Rene Tschaggelar wrote:

- >
- > Precision ? What precision do you need ? What for ?
- > The difference between RG214 and RG58 is the voltage
- > rating. While RG58 is good for 1kV, RG214 is good for
- > 5kV or so.
- >
- > Rene

Then tell us all why they didn't use RG/58 at 4 GHz on C-band satellite systems? The attenuation of RG/58 is horrible, even at VHF frequencies.

If you want accurate data from a network analyzer the cables have to exceed the specs of the analyzer. We used semirigid cable with soldered on SMA connectors to test and align tubular filters in the VHF frequency range. We used a pair of very expensive "N" to "SMA adapters on the front panel of the various HP network analyzers to connect the test cables to the unit being tested or aligned. We built the tubular filters in house because the lead times were too long for custom frequencies.

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Michael A. Terrell  
Central Florida  
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- *Follow-Ups:*
  - ◆ ***Re: Any German speakers here?***
    - ◇ *From:* Rene Tschaggelar
- *References:*
  - ◆ ***Any German speakers here?***
    - ◇ *From:* Paul Burridge
  - ◆ ***Re: Any German speakers here?***

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◇ *From:* Joerg

◆ ***Re: Any German speakers here?***

◇ *From:* Paul Burrige

◆ ***Re: Any German speakers here?***

◇ *From:* Rene Tschaggelar

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