data entry

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System: 1900 & 1900/10
Type: Technical

MISMATCHED COAXIAL CABLES

Several customers have used whatever coaxial cable is on hand--
RG 59 or a mix of RG 48 and 8--to daisy chain 1900/10 system
terminals and station printers. The result is some obvious and
not-so-obvious problems which will occur irregularly.

The rules are simple:

    RG 8 or RG 58, BUT NOT MIXED, when no device
    is further than 1000 feet from the CPU

    RG 8 ONLY when ANY device is more than 1000
    feet from the CPU

    DO NOT MIX RG 8 AND RG 58 on the same system

    DO NOT USE ANY OTHER SIZE OF COAXIAL CABLE, EVER

It's important to check, especially when coax devices are not
placed near the CPU, to assure that the customer has not pro-
vided or substituted a nonsupported cable or mix of cable types.
Cables are often mixed because all coax looks pretty much the same,
and the impact of mixing isn't known.