

# NRAO Science Helpdesk

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## [CASA] Antenna selection in CASA for VLA vs. EVLA telescopes

Steven Myers - 2020-09-17 - EVLA

Q: How do I select baselines between EVLA-VLA antennas in CASA (e.g. to flag them, keeping the EVLA-EVLA and VLA-VLA only)?

A: The solution in CASA is to use wildcards "\*" in the antenna selection string. If you've used the new antenna name convention in filling the data (in `importvla` or `importuvfits`), you can use `antenna = 'ea*&va*'` (for data from `importvla`) or `antenna='EA*&VA*'` (for data from `importuvfits`). If you've got the EVLA vs VLA in the station names, you can use something like `antenna='EVLA:*&VLA:*` (as the selection searches stations after checking names).