MAST Data Product Types

Each mission hosted by MAST, and often each instrument within a mission, produces data products with a variety of semantic content. These types are encoded into the suffix of the data product file name; often the file suffix appears after a final underscore character, and just before the period and file type (e.g., `<observation-id>_<suffix>.fits`). Each type is listed in the table below.

Semantic Types Table

Browse the sortable table; or type one or more of:

- the MAST mission designation (often an acronym)
- the instrument acronym
- the file suffix

into the search box to find the description of the semantic content that matches the file suffix of interest. Note: some missions (e.g., *Kepler*, *TESS*) have only one science instrument, so the instrument field is left blank in the table.

> ⊘ This table is currently complete only for the HST, JWST, Kepler, PS1, and TESS missions.

For Further Reading...

- Portal User Guide