Astro-Physics 0.72x Quad Telecompressor Corrector
Spacing Requirements

QUADTCC-AP130  f/4.5  for 130 f/6.3 StarFire GTX
QUADTCC-TEC140  f/5.0  for TEC 140 f/7
QUADTCC-TEC160  f/5.0  for TEC 160 f/7
QUADTCC-TEC180  f/5.0  for TEC 180 f/7

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80.8 mm +/- 1 mm
3.18° +/- 0.04°

Extension Length:
AP 130 - 22.1 mm
TEC 140 - 18.3 mm
TEC 160 - 17.0 mm
TEC 180 - 16.0 mm

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Note: The distance must be the
Optical distance - NOT the
mechanical distance. Please be
sure you have accounted for the
indexing effects of your filters,
sensor window, sensor cover slip,
and any other glass in the light
path. [Rule of thumb: subtract 1/3
of the total glass thickness from
the mechanical distance...the
length of the adapter will increase.]

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Amount of spacing consumed by Astro-Physics adapters

STL 5-Pos. Filter Wheel
ADATCC1 43.4 mm 1.71"

STL 8-Pos. Filter Wheel
ADATCC2 43.2 mm 1.70"

ADATCC3 34.5 mm 1.36"
A3513 28.2 mm 1.11"
ADATCCEOS 37 mm 1.46"

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Spacing from rear flange of QUADTCC when Backfocus Spacer removed. For imaging trains that require more than the
80.8 mm standard backfocus spacing, the extension can be removed to provide additional room for such items as off-axis
guiders. The allowable spacing without the Spacer is shown below. The drawing references the AP 130 GTX distance.
The equivalent TEC scope spacing distances are listed below:

AP 130 GTX - 102.9 mm +/- 1 mm
TEC 140 - 99.1 mm +/- 1 mm
TEC 160 - 97.8 mm +/- 1 mm
TEC 180 - 96.8 mm +/- 1 mm

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102.9 mm +/- 1 mm
4.05° +/- 0.04°

QUADTCC without
extension

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Warning: Take extra care of rear optic
when Backfocus Spacer is removed!