



Go the Distance

DCI's new filtered antenna blocks radio frequency (RF) interference at the remote display to enhance receiver-to-remote telemetry performance on problem jobsites. With an ever increasing number of radio and cell towers in service, the potential for RF interference has never been greater. Welcome to your noise pollution solution.

When to Use

13-inch filtered antenna: Use when telemetry range is reduced by high interference, as is found near radio and cell towers, high voltage power lines, or when 2-way radios are in use. To reduce the risk of damage to the antenna connector, remove the antenna before transporting the drill rig.

Inline filter: Use with a panel-mount display with in-console connection, long whip antenna, or Yagi antenna. Inline filters mounted inside a console may be left in place permanently if secured to prevent excessive movement.

Connector Selection

- Select BNC (bayonet) for FCD, FSD, or panel-mount Aurora AP8 with an antenna connection outside the console
- Select TNC (threaded) for freestanding Aurora AF8 or AF10, or panel-mount Aurora AP8 when using an inline filter inside the console

A Note on Telemetry

Telemetry range that is completely absent or always low in all work environments indicates the presence of a non-interference issue, such as a broken or dirty antenna connection. An antenna filter will not help in this case. Please contact your regional DCI office or visit [Support](#) on our website for telemetry troubleshooting tips.

Filter Specifications

High Band Regions: AU, ES, GB/UK, NL, PT, US

Part number	Connector	Description
610-0274-20	BNC	13-inch Filtered Antenna
610-0279-20		Inline Filter
610-0275-20	TNC	13-inch Filtered Antenna
610-0278-20		Inline Filter

Low Band Regions: CH/SW, CN, IN/RU, BR/IL

Part number	Connector	Description
610-0274-30	BNC	13-inch Filtered Antenna
610-0279-30		Inline Filter
610-0275-30	TNC	13-inch Filtered Antenna
610-0278-30		Inline Filter

The filter region must match that of your remote display.

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