

3.0T 6-Channel Carotid Array Coil

The 3.0T 6-Channel Carotid Array Coil enables bilateral diagnostic imaging of the carotid artery bifurcation using a 3.0T MRI scanner with an HD connector manufactured by General Electric Healthcare.

Primary Applications

The 3.0T 6-Channel Carotid Array Coil has been designed and tested to provide high quality imaging of the carotid arteries. The unique array configuration offers complete coverage of head and neck vasculature from the sternal notch through the internal carotid arteries at the level of cervical vertebrae C1. The coil allows for sub-millimeter resolution of the carotids lumen, vessel walls, and atherosclerotic plaques.



Technical Features

This phased-array coil has 6 elements. The element configuration is optimized to provide deep penetration SNR and improved S/I coverage.

Each antenna set articulates, rotates, and locks to facilitate patient setup and fit, providing greater patient comfort and imaging performance.

The coil is compatible with ASSET® parallel imaging techniques.

Coil Coverage (FOV)

Superior / Inferior	15cm
Anterior / Posterior	15 cm
Right / Left	24 cm

Coil Dimensions

Length	61 cm	24 in
Width	35 cm	14 in
Height	18 cm	7 in
Weight	2.5 kg	5.5 lbs



System Requirements and Ordering

Requires a GE 3.0T MR system with an HD connector. Offered by GE through catalog E8800WC, or NeoCoil catalog number NC001000.

Warranty

The published Company warranty in effect on the date of shipment shall apply. The Company reserves the right to make changes.

Manufactured by NeoCoil, LLC.