

Bilateral Four Channel Phased Array **CAROTIDS COIL**

Description

The **Bilateral Four Channel Phased Array CAROTIDS COIL** is designed for bilateral proton imaging of the carotids bifurcation. The semi-flexible construction allows easy application of the coils around the neck causing minimal patient discomfort.

The coil assembly is designed for use with the **GE Signa** MR scanners with the Phased Array Option.

Application

The **CAROTIDS COIL** enables submillimeter resolution of the carotids lumen, vessel walls and atherosclerotic plaques.

System/Accessories

- + **CAROTIDS COIL** Assembly
- + Attachment Strap
- + Test Phantom

Approvals

The **CAROTIDS COIL** carries CE marking and FDA approval.

Warranty

This product is warranted during a period of three years. Repairs or replacements will be made free of charge for materials and labor.



Design and specifications subject to change without notice.
Doc. #4-50-421-GSXX



Specification

Mechanical Properties

- + Eff. Length of rf coil : 105 mm PA mode.
- + Width of rf coil : 60 mm.
- + Effective rf penetration : 35 mm.
- + Material in contact with patient : Non-toxic, non-irritating coated polymer foam
- + Cable length : 850 mm.
- + Connector for front-end : Quick disconnecter box

Electrical Properties

- + Coil Type : Receive only (Four Channel PA)
- + Coil Configuration : 1 set of two dual Loop Coils
- + Nominal Impedance : 50 Ohm
- + Loaded Q : >150

Compatibility

For use with **GE Signa® 1.5T, 1.0T, 0.5T** MR scanners.
Ask for other types available.

Signa is a registered trademark of GEMS.

For order information, and a complete list of our products and system compatibilities please contact us.

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