Product Data Sheet
Cat.# PACC-SS15

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 *Siemens Magnetom Symphony* and *Sonata* MR Scanners.

Applications

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

System/Accessories

+ ***CAROTIDS COIL*** *Assembly*
+ Attachment Strap

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-SS15

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	: 300 mm.
+ Connector	: 2 connectors to Flex Interfaces

Electrical Properties

+ Coil Type	: Receive only (Four Channel PA)
+ Coil Configuration	: 2 sets of two single Loop Coils
+ Nominal Impedance	: 50 Ohm
+ Loaded Q	: › 150

Compatibility

For use with ***SIEMENS Magnetom Symphony/ Sonata 1.5T*** *MR scanners.*
Ask for the availability of other types.

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

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