

Certification Document	TC190 Antenna Specification	HBC
------------------------	--------------------------------	-----

Document history

rev	Created on / by:	Description:
00	16.05.2023 / T. Schock	First issue
01		
02		
03		
04		
05		
06		
07		
08		
09		
10		
11		
12		
13		
14		
15		

File Name:	17_CDES_TC190_Antenna Specification_rev0.pdf		
Drawing Title:	Listing of usable antenna for TC190 and their specification.	Status: Released	Scale: None
Drawing No.:	17_CDES_TC190_Antenna Specification	Revision: 0	Page 1 of 3

Certification Document	TC190 Antenna Specification	HBC
------------------------	--------------------------------	-----

Table of contents

Document history 1

Table of contents 2

1. Antenna Specifications 3

Certification Document	TC190 Antenna Specification	HBC
-------------------------------	--	------------

1. Antenna Specifications

The TC190 has a MMCX connector and an onboard antenna. The module is built in host device by applicant. For integration the integration manual must be observed.

The antenna that is used in connection with TC190 depends on host device (e.g. portable, mobile fixed device).

All usable antennas for TC190 modules are listed in the following:

Model / No.	Manufacturer	Antenna Type	Maximum gain
Onboard antenna	HBC-radiomatic GmbH	Onboard	0 dBi
AB156010	HBC-radiomatic GmbH	Dipole	-0,5 dBi
AA030001	HBC-radiomatic GmbH	Sleeve	3,1 dBi
AA050004	HBC-radiomatic GmbH	Sleeve	2,0 dBi
AA060013	HBC-radiomatic GmbH	Colinear	3,0 dBi

Table 1: Antenna Specification