

RADIO 2203

The micro Radio 2203 is part of the Ericsson Radio System portfolio. Radio 2203 has best in class design, superior radio performance and power efficiency when it comes to medium range 3GPP radio products.

Radio 2203 has, by use of its small and smart dimensions, support for a wide range of mounting scenarios and has a pioneering flexibility within its product segment. With the Radio 2203, Ericsson evolves the micro radio portfolio to become even more flexible thus making it easier than ever to make small and efficient single and multi-band micro radio installations.

The Radio 2203 support installations with integrated or external antenna systems and can by use of the versatile optical CPRI interface be connected to any of the efficient Ericsson Baseband WCDMA or LTE modules by use of star or cascade configurations supporting multi sector and multi band.

Radio 2203 support WCDMA and LTE with two duplex TX/RX branches. The Radio 2203 support up to 4 WCDMA carriers or 40 MHz LTE as well as WCDMA and LTE mixed mode configurations.



On the right side you see a picture of the Radio 2203 mounted on a lamp pole. The picture beside it shows the back part of the Radio 2203, the support system in which the wall mount and pole mount are integrated.



Technical Specifications Radio 2203

FREQUENCY BANDS

Bands: 3GPP Bands B1 (W/L), B3 (L), B3C (W/L), B7 (L), B8 (W/L), B66A (W/L), B5 (W/L), B2/B25 (W/L)

HW CAPACITY

Carrier capacity WCDMA: Up to 4 carriers

Carrier capacity LTE: Up to 40 MHz

IBW: B1, B3 and B66A 45 MHz. B2/B25 and B7 40 MHz. B3C, B8 and B5 full band

MIMO: Yes, 2T/2R

Output power: Up to 2 x 5 W

INTERFACE SPECIFICATIONS

Antenna Ports: 2 x 4.3-10 (f)

CPRI: 2 x 2.5/5/10 Gbps (exchangeable SFP modules)

Optical indicators 6

External alarms 2

Field ground 1

MECHANICAL SPECIFICATIONS

W x H x D: 200 mm x 200 mm x 100 mm, including mounting bracket and esthetic front cover

Weight: < 4.5 kg

Volume: 4 l

Mounting: Wall and pole mount

ELECTRICAL SPECIFICATIONS

Power Supply: -48 VDC or 100 - 250 VAC

ENVIRONMENTAL SPECIFICATIONS

Normal operating temp.: -40 °C to +55 °C (cold start at -40 °C)

Relative Humidity 5 - 100%

Environment: Outdoor class with IP65