

RS2000 Z-ABNT Z-ABNT SMA

ref. 100.0095.00 | ref. 100.0095.50 (SMA)



Z-ABNT and Z-ABNT SMA Features

RS2000 Z-ABNT collects data from meters via ABNT standard optical port and transmits via Zigbee to a data concentrator.

- Reading and transmitting data from ABNT meters via MESH Network.
- Wireless communication at the rate of 250 Kbits per second.
- Security in data transmission, present in the RF communication protocol with 128-bit cryptographic key.
- Powered by AC voltage between 85 and 264 VAC.



Data Transmitters from CAS Tecnologia

Offers connectivity to the most varied types of businesses, enabling remote communication between different equipment.

RS2000 Line of Data Transmitters from CAS Tecnologia feature end-to-end communication technologies via Radio or Mesh Network, enabling local or short-distance communication to the concentrator at low cost.

Technical Specification

Transmission technology	Zigbee
Type(s) of connector(s)	ABNT NBR 14519:2000 Magnetic Optical Connector Type 1 Optical Port Power Supply Cable
Frequency range	2.4Ghz
Maximum output power	Approximately 67mW
Sensitivity (receiving power)	-102 dBm
Average consumption	2.5W
Power Supply	85 to 264VAC
Operating temperature	0°C to +70°C
Sizes	85 x 88 x 50 mm
Failure	1200 bps – 250 Kbits
Antenna	Internal (RS2000 Z-ABNT)/ External - SMA connector (RS2000 Z-ABNT SMA)
Weight	200g
IP Code	IP50

Technical Design

