maturo GmbH
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Cable Guide Rail CGR 6.0

Technical Data

Moving range		6.0 m (without clamp)
Total measurement length		6.6 m (with clamp)
Overall length		6.8 m
Track height		0.8 m above floor
Permissible load		15 kg
Material		Plastic + reinforced fibreglass
Cross-section		100 mm x 100 mm
Base L x W		0.3 m x 0.3 m (with supporting pillars)
Positioning speed adjustable between		5.0 – 30.0 cm/s
Positioning accuracy	better	+/- 1 cm
Motor		Brushless DC motor 200 W
Interference suppression:		20 dB under limits EN 55022 class B
Current consumption	max.	2A
Voltage		208-230 VAC, 50/60 Hz, single phase
Discharge current		25mA per drive unit (higher in the moment when powering on)
Control cable		Fibre optic lines
Remote control via		IEEE interface
Antenna support drive		Toothed belt
Material of toothed belts		Kevlar reinforced (non-metallic)
Temperature range		+10 °C...+35 °C
Total weight	approx.	75 kg
Accessories		**Interface for SCU/MCU/NCD Controller** 3 m power supply cable Service manual

Brief description

The **CGR 6.0** cable measuring guide rail, with the exception of the drive unit, is fabricated from plastic (PVC and reinforced fibreglass). Metal parts are located only in the base plate and the drive mechanism (max. 0.3 m above ground level).

The Cable Guide Rail is used for the remotely-controlled positioning of an absorbing clamp along an electric cable. Automatic measurement of the RFI power according to CISPR, EN, ANSI, VCCI and VDE standards are possible.

The **IEEE 488.2 (GPIB) bus** provides an additional control option for all functions, when operated with the **SCU/MCU or NCD Controller**.

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Information presented enclosed is subject to change as product enhancements are made regularly. Pictures included are for illustration purposes only and do not represent all possible configurations.

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