

## Cable Guide Rail CGR 5.4

### Technical Data

Moving range	5.4 m (without clamp)
Total measurement length	6.0 m (with clamp)
Overall length	6.5 m
Track height	0.8 m above floor
Permissible load	15 kg
Material	Plastic + reinforced fibreglass,
Cross-section	0.1 m x 0.1 m
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
Rail Drive	Antistatic toothed belt (non-metallic)
Motor	Brushless DC motor 150 W
Drive unit	shielded and radio interference suppressed
Control cable	Fibre optic lines
Remote control via	IEEE interface
Current consumption	max. 2A
Voltage	208-230 VAC, 50/60 Hz, single phase
Temperature range	-10 °C...+35 °C
Total weight	55 kg
Accessories	<b>Interface for SCU/MCU Controller</b> 3 m power supply cable Service manual



### Brief description

The **CGR 5.4** 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 Controller**.