

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

 $\begin{array}{ll} \text{Material} & \text{Plastic} + \text{reinforced fibreglass,} \\ \text{Cross-section} & 0.1 \text{ m x } 0.1 \text{ m} \\ \end{array}$

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 Fibre optic lines

Remote control via

Current consumption

Fibre optic lines

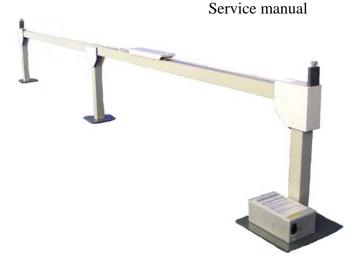
IEEE interface

2A

Voltage 208-230 VAC, 50/60 Hz, single phase Temperature range -10 °C...+35 °C Total weight 55 kg

Accessories Interface for SCU/MCU Controller

3 m power supply cable



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**.