



MA-12

Short-haul modem, point-to-point



- ⌘ Communication up to 18 km (11.18 mi)
- ⌘ Galvanic isolation
- ⌘ Transient suppression
- ⌘ Code independent/transparent
- ⌘ Transfer status signals
- ⌘ Ensures communication over long distances and in environments with high levels of interference
- ⌘ AC-/DC-supply
- ⌘ Reliable performance and function

For Westermo W1 interface transmission characteristics see page 138

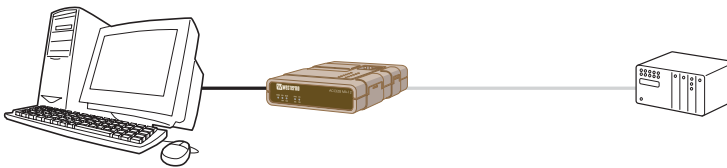
Field of application

Short-haul modems are used in point-to-point applications when the distance exceeds 15 metres (50 ft). The Westermo transmission technology (W1) makes it possible to communicate up to 18 km (11.18 mi) between modems. Equipment with an RS-232 interface can be connected and data rates up to 38.4 kbit/s are possible depending on the transmission range.

All modems that have a W1 interface are compatible with each other. MA-12 is designed as a table top device.

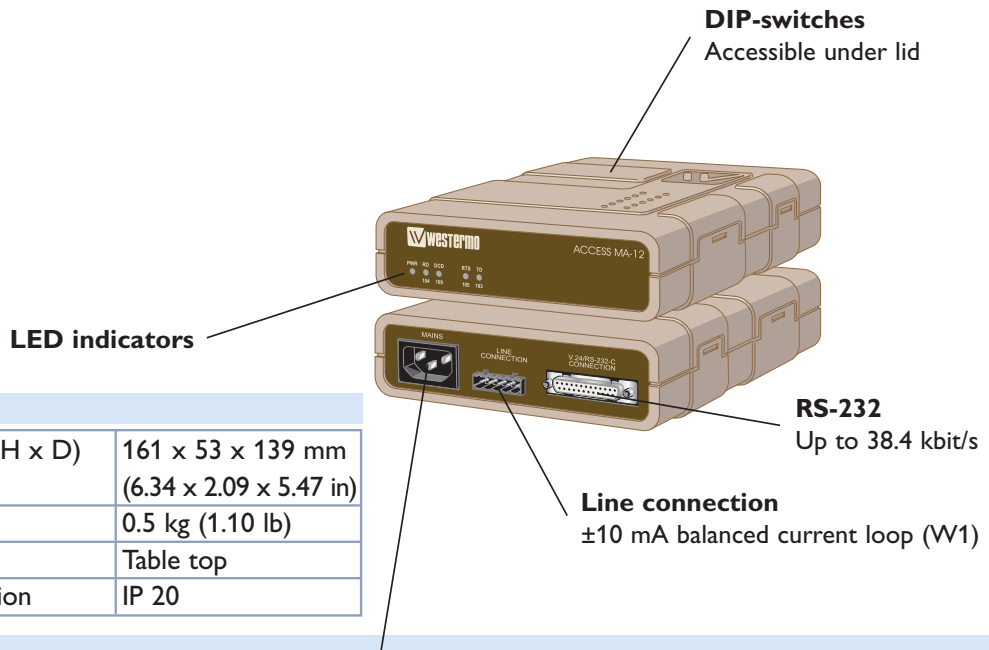


Application



Also see application on page 46

Interface



Mechanical

Dimensions (W x H x D)	161 x 53 x 139 mm (6.34 x 2.09 x 5.47 in)
Weight	0.5 kg (1.10 lb)
Assembly	Table top
Degree of protection	IP 20

Power

	MA-12 AC	MA-12 DC	MA-12 36 – 55 DC
Operating voltage	103 – 132 VAC 207 – 264 VAC	12 – 36 VDC	36 – 55 VDC
Rated current	24 mA @ 115 VAC 12 mA @ 230 VDC	170 mA @ 12 VDC	60 mA @ 36 VDC
Rated frequency	48 – 62 Hz	DC	DC
Connection	Power	Detachable screw terminal	Detachable screw terminal