



### NMEA 2000 Load Equivalency Number (LEN):

The number of products that can be connected to a SeaTalking backbone depends on the current draw of each product and the physical length of the backbone cabling. If the backbone length is greater than 60 m (197 ft), the power should be connected at a point in the backbone that creates a balanced current draw from each side of the backbone.

		Backbone length	Total LEN
	Unbalanced	0 m (0 ft) to 20 m (66 ft)	40
	Unbalanced	> 20 m (66 ft) to 40 m (131 ft)	20
	Unbalanced	> 40 m (131 ft) to 60 m (197 ft)	14
	Balanced	0 m (0 ft) to 60 m (197 ft)	100
	Balanced	> 60 m (197 ft) to 80 m (262 ft)	84
	Balanced	> 80 m (262 ft) to 100 m (328 ft)	60
	Balanced	> 100 m (328 ft) to 120 m (394 ft)	50
	Balanced	> 120 m (394 ft) to 160 m (525 ft)	40
	Balanced	> 160 m (525 ft) to 200 m (656 ft)	32

