

LANE GUIDANCE & DELINEATION · TECHNICAL DOCUMENT

Lane channelizers & separators

The lane channelizer is a low-profile separator unit fixed to the road to divide two streams physically. A driver can ignore a painted line but feels the lane channelizer through the wheel — where the model profile and the layout allow it, its sloping sides let emergency vehicles cross, and a delineator, cat eye or flap mounts on top. It is low, modular and relocatable. Because its top socket accepts a vertical marker, the lane channelizer becomes one line that warns by contact and by eye. The lane channelizer is used on bus lanes, in cycle-lane separation, at turning pockets, on junction islands and in opposing-flow division.

TECHNICAL SUMMARY

Module length	1000 mm class — units join end to end
Width	130–150 mm band
Base height	50 mm class — sloping sides
Base size (island types)	Ø 400 · Ø 450 mm · 300×300 mm
Weight	0.45–12 kg (by type and top fitting)
Top fitting	Cat eye · flap · post · sign
Total height with top fitting	Follows the chosen post; stated in writing with the quotation
Fixings and parts list	Hole pattern, anchor count and type, included parts (dowels, caps, top-fitting socket) and the removable-mounting option are stated per model on the datasheet; the quotation carries this list

Values are production-programme and market-standard ranges; final dimensions are given in writing with the quotation.

WHERE IT IS USED

- Bus lane and BRT. The lane channelizer keeps the bus lane clear of mixed traffic; a violation is felt through the wheel and lane discipline builds itself.
- Cycle lane. The lane channelizer separates cyclists from traffic with a physical line; the delineator on top shows the line at night too.
- Turning pocket and junction island. The lane channelizer funnels entry to one point; at the island nose it works together with the delineator.
- Opposing-flow division. On an undivided section the lane channelizer separates opposing flows; it is a warning line, not a protection barrier.

STANDARDS AND DOCUMENT LANGUAGE

Türkiye	Manufactured to the order's specification; the governing document is stated in writing at quotation.
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USA — MUTCD

Described by the temporary lane separator definition of MUTCD Section 6K.11: a low base with sloping sides carrying a retroreflective vertical device. These devices are not protection barriers; they are not used to shield obstacles or protect pedestrians or workers (6K.10, 6K.11).

Standard names on this page are references; test results and certificates are shared together with the report and the document — ask, and we will send them.