

Traffic Signals



Unique design and technological advantages make Peek Traffic Signals “Best in class”

Polycarbonate Signals

- Unaffected by scratches
- Impregnated color means that they never need painting
- Impervious to corrosive atmospheres
- One-piece doors, grooved.
- Simple alignment and positive locking in 5 degree steps
- Ribbed for structural stability
- Reinforced plates available
- Adaptable to span wire or mast suspension
- Universal vertical and horizontal ready mounting arrangement
- Exterior hardware in stainless steel available
- LED ready or equipped with reflectors
- Weather proof and dust tight one piece doors plus gasket
- Fifty percent lighter than aluminum

Aluminum Signals

- Equipped with exterior stainless steel hardware
- Doors and lens gaskets make the signal weather-proof and dust-tight
- Integral visor rims prevent leakage
- Available reflectors in Alzak ®
- The lamp receptacle can be rotated 360 degrees for filament alignment
- Integral locking rings included
- Adaptable for span wire, mast arm suspension, side pole or post top mounting

Specifications

Polycarbonate

Material	Ultraviolet-stabilized polycarbonate resin (having a minimum thickness of 0.100 inches), Stainless steel exterior hardware. Couplers are standard steel-zinc, but a stainless steel option is available.
Reflector	Snap-out assembly. Swing out frame. Lane control uses a standard reflector.
Lamp receptacle	Heat-resistant molded phenolic, Rotatable through 360°. Pre-wired with 26 #18 AWG 105 C type TEW color-coded leads with Quick-disconnect terminals
Wire opening between sections	Accommodates three 3/4" diameter cables
Terminal block	1-section 2-point 2-section 3-point 3-section 5-point 4-section 5-point 5-section 5-point and 5 point
Signal alignment	Integral 72-tooth serrated adjustable in 5 steps.
Weight	8 (200mm) LED-Ready Section = 1.85 lb (0.84kg) 12 (300mm) LED-Ready Section = 3.15 lb (1.43kg)
Overall dimension	8 (200mm) Section = 9.75 W x 10 H x 6.16 D 12 (300mm) Section = 13.5 W x 13.44 H x 6.44 D

One Year Limited Warranty.

Signal Group warrants* these products against manufacturing defects in materials and workmanship for one year from date of shipment from the Signal Group factory. Specific contracts and regional laws may vary or alter these terms. Signal Group products are protected by one or more U.S. and international patents.

* For specific warranty information, contact your local Signal Group product representative.

Aluminium

Material	Die-cast aluminum alloy housing and door. Stainless steel exterior hardware. Couplers are standard steel-zinc, but a stainless steel option is available.
Finish	Electrostatically applied powder coat with five stage iron phosphate treatment.
Reflector	Snap-out assembly. Swing out molded frame. Lane control uses a standard reflector
Lamp receptacle	Heat-resistant molded phenolic, Rotatable through 360°. Pre-wired with 26 #18 AWG 105 C type TEW color-coded leads with Quick-disconnect terminals
Wire opening between sections	Accommodates three 3/4" diameter cables
Terminal block	1-section 2-point 2-section 3-point 3-section 5-point 4-section 5-point, 2-point 5-section 5-point 2, and 3-point
Signal alignment	Integral 72-tooth serrated adjustable in 5 steps.
Weight	8 (200mm) LED-Ready Section = 4.2 lb (1.9 kg) 12 (300mm) LED-Ready Section = 5.5 lb (2.5 kg)
Overall dimension	8 (200mm) Section = 9.75 W x 10 H x 6.16 D 12 (300mm) Section = 13.5 W x 13.44 H x 6.44 D

Poly and Aluminum signals are also available with LED ready
Weights do not include hardware modifications. Door only, no visors.



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About Signal Group – covers a broad range of quality turnkey traffic control products and services. Signal Group products have helped to make motorists around the world safer and their travels more pleasant and efficient. This expertise, experience, and breadth of product lines has made Signal Group one of the most respected and recognized leaders in the traffic control marketplace. The information contained in this publication is presented for informational purposes only, and while every effort has been made to ensure its accuracy, the information is not to be construed as warranty or guarantee, express or implied, regarding the products or services described herein or their use or applicability. No license is granted by implication or otherwise to any of Signal Group's intellectual property. Signal Group reserves the right to alter or revise any of its products or published technical data related thereof at any time without notice. ©2012 Signal Group. Intersection image is licensed through CreativeCommons.org



Powder-coated Aluminum Backplates for Peek Signals

Peek offers a variety of one-piece aluminum signal backplates as optional add-ons for all of its vehicle signals, including 12" signals with 1, 2, 3, 4, or 5 sections, and 8" signals with up to 3 sections. Individual backplates can be ordered either flat or louvered (to allow air to flow through the plate.) Backplates will fit on either aluminum or polycarbonate bodied signals.

Peek backplates are fabricated from 0.06" (1.5mm) sheet aluminum which is electrostatically powder-coated in your choice of color. You can specify the color of the powdercoating of each backplate by inserting the appropriate color suffix to the end of the part number when ordering. These are the available colors:

- Flat black (Standard) - Specify 'FBK'
- Federal Yellow - Specify 'FYL'
- Olive Green - Specify 'OGR'
- Custom Color (Paint chip required) - Specify 'CST'

Borders are 5 inches wide (127mm) on the backplates for 12" signals, and 8 inches wide (203mm) on the backplates for 8" signals.

Heavier gauge aluminum is available upon request. Stainless steel attaching screws and washers are included with each backplate.

Two inch (51mm) or three inch (76mm) wide reflective tape is also available as an optional item around the edges of flat backplates. (Reflective tape is not available on louvered backplates.)

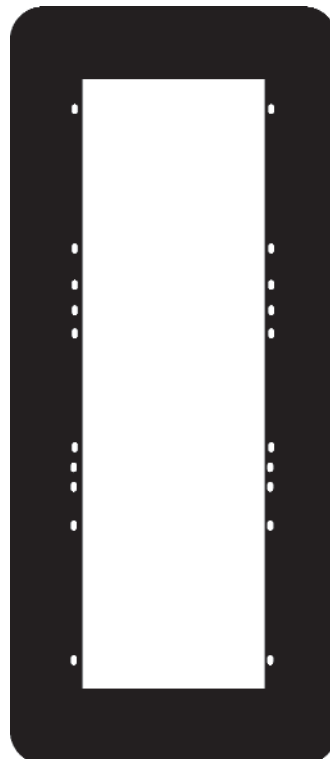
In addition to those pictured here, backplate assemblies are also available to custom-fit all Peek 2-2-1 and 3-2 signal clusters in 12 inch signal sizes. And options are available for any of the mounting methods being used for both inline and clustered signals, including standard, Plumb-izer, mast arm clusters, and span wire clusters. Plumbizer, mast arm and span wire backplate assemblies include extra filler strips to cover gaps in the signal assembly caused by the mounting hardware. These filler strips require additional mounting screws and associated hardware, available as a cluster hardware kit.



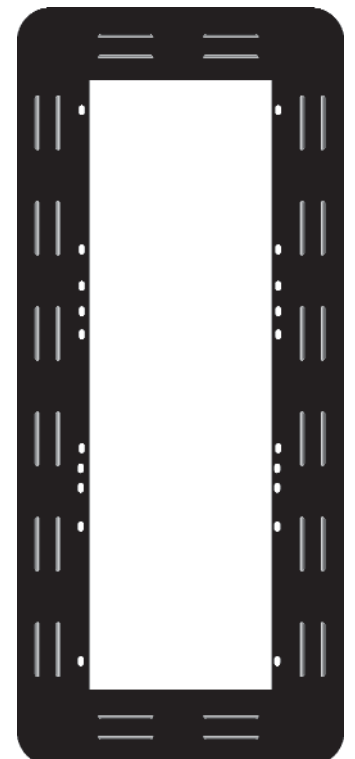
Backplate for 8", 2-Section Signal, Louvered



Reflective Tape is Available as an Option



Backplate for 12", 3-Section Signal with Plumbizer, Flat



Backplate for 12", 3-Section Signal with Plumbizer, Louvered

Ordering Information

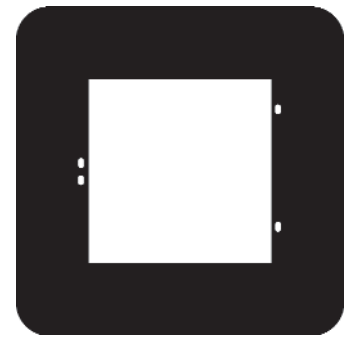
Signal Backplate Ordering Information - Please specify color on the order

Style	# of Sections	Description	Part Number
Inline 12"	1	Aluminum, Flat, with attachment screws	S400000
Inline 12"	1	Aluminum, Louvered, with attachment screws	S400005
Inline 12"	2	Aluminum, Flat, with attachment screws	S400001
Inline 12"	2	Aluminum, Louvered, with attachment screws	S400006
Inline 12"	3	Aluminum, Flat, with attachment screws	S400002
Inline 12"	3	Aluminum, Louvered, with attachment screws	S400007
Inline 12" for plumbizer mount	3	Aluminum, Flat, w/attachment screws & filler strip*	S400010
Inline 12" for plumbizer mount	3	Aluminum, Louvered, w/attachm't screws & filler strip*	S400013
Inline 12"	4	Aluminum, Flat, with attachment screws	S400003
Inline 12"	4	Aluminum, Louvered, with attachment screws	S400008
Inline 12" for plumbizer mount	4	Aluminum, Flat, w/attachment screws & filler strip*	S400011
Inline 12" for plumbizer mount	4	Aluminum, Louvered, w/attachm't screws & filler strip*	S400014
Inline 12"	5	Aluminum, Flat, with attachment screws	S400004
Inline 12"	5	Aluminum, Louvered, with attachment screws	S400009
Inline 12" for plumbizer mount	5	Aluminum, Flat, w/attachment screws & filler strip*	S400012
Inline 12" for plumbizer mount	5	Aluminum, Louvered, w/attachm't screws & filler strip*	S400015
Inline 8"	1	Aluminum, Flat, with attachment screws	S400016
Inline 8"	1	Aluminum, Louvered, with attachment screws	S400019
Inline 8"	2	Aluminum, Flat, with attachment screws	S400017
Inline 8"	2	Aluminum, Louvered, with attachment screws	S400020
Inline 8"	3	Aluminum, Flat, with attachment screws	S400018
Inline 8"	3	Aluminum, Louvered, with attachment screws	S400021
Cluster, 8 Piece Adjustable	2-2-1	Aluminum, Flat, with filler strips*	S300021
Cluster, 8 Piece Adjustable	2-2-1	Aluminum, Louvered, with filler strips*	S300022
Cluster, 3 Piece - TSH Plum	2-2-1	Aluminum, Flat, with filler strips*	S400060
Cluster, 3 Piece - TSH Plum	2-2-1	Aluminum, Louvered, with filler strips*	S400059
Cluster, 3-2 Flat	3-2	Aluminum, Flat, with filler strips*	S400055
Cluster, 3-2 Louvered	3-2	Aluminum, Louvered, with filler strips*	S400055L
Cluster, Pelco Mast Arm	2-2-1	Aluminum, Flat, with filler strips*	S400057
Cluster, Pelco Mast Arm	2-2-1	Aluminum, Louvered, with filler strips*	S400057L
Cluster, Span Wire	2-2-1	Aluminum, Flat, with filler strips*	S400058
Cluster, Span Wire	2-2-1	Aluminum, Louvered, with filler strips*	S400058L

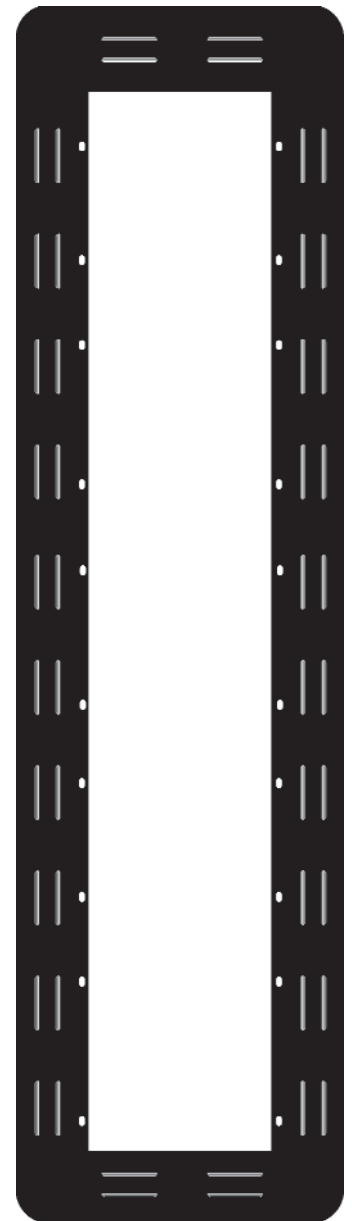
* All clusters require the additional Cluster Hardware Kit for attaching the filler strips to a variety of mounting hardware options

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Backplate for 8", 1-Section Signal, Flat



Backplate for 12", 5-Section Signal, Louvered



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