

# Surface Raceway / Aluminum SWA4500

SnapWay™

Manufactured by MonoSystems, Inc.

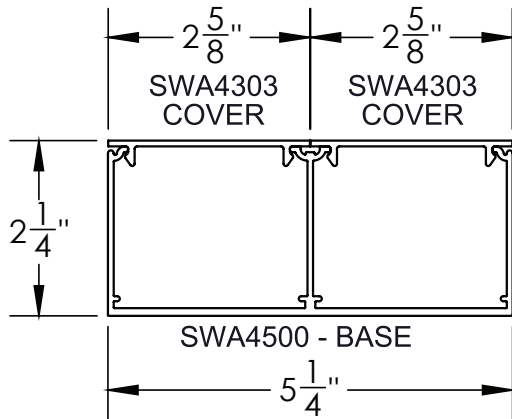
## ALUMINUM RACEWAY FILLRATE

### Notes

- 1.) Assembly Instructions: Rigidly secure base section to structural building member or wall construction at 18" maximum mounting centers. Engineer to verify fasteners and mounting interval based on mounting surface construction (hardware by others).
- 2.) Views for reference - do not scale.

### Material

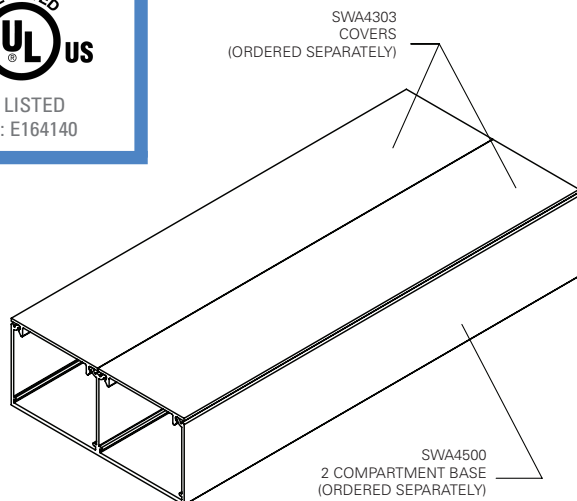
#6063-T6 Extruded Aluminum, Satin Anodized Finish.  
Nominal wall thickness: 0.078"



**SWA4500 SERIES**  
2 COMPARTMENT  
ALUMINUM RACEWAY  
SECTION VIEW  
SATIN ANODIZE FINISH  
(EACH ORDERED SEPARATELY)



UL LISTED  
FILE: E164140



SWA4500 SERIES ALUMINUM RACEWAY FILL CAPACITY FOR DATA / COMMUNICATIONS			CAPACITY (PER COMPARTMENT) 5.90 in <sup>2</sup> [3818 mm <sup>2</sup> ]
CABLE TYPE	CABLE/WIRE SIZE	APPROX. O.D. Ø INCHES [mm]	40% FILL
UNSHIELDED TWISTED PAIR (CUTP)	4-PAIR, 24 AWG, CAT 3	0.190 [4.8]	84
	[CUTP]	0.210 [5.3]	69
	4-PAIR, 24 AWG, CAT 6	0.250 [6.3]	48
	4-PAIR, 24 AWG, CAT 6a	0.354 [9.0]	24
TELEPHONE	25-PAIR, 24 AWG	0.360 [9.1]	23
COAXIAL CABLES	RG6/U 18 GAUGE	0.270 [6.9]	41
FIBER OPTIC	ZIPCORD	0.188 x 0.236 [3 x 6]	85
	ROUND 4 STRAND FIBER	0.187 [4.7]	87
	ROUND 6 STRAND FIBER	0.256 [6.5]	46

SWA4500 SERIES ALUMINUM RACEWAY FILL CAPACITY FOR POWER 40% FILL FACTOR. VALUES FOR EACH COMPARTMENT		
WIRE SIZE (STRANDED) THHN/THWN	POWER WIRING WITH 2.04 Sq. In. GFCI DEVICES	WITHOUT DEVICES
8 AWG	32	54
10 AWG	65	110
12 AWG	102	172
14 AWG	137	232

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