

Surface Raceway / Steel SMS4400

SnapWay™

Manufactured by MonoSystems, Inc.

STEEL RACEWAY FILL RATE

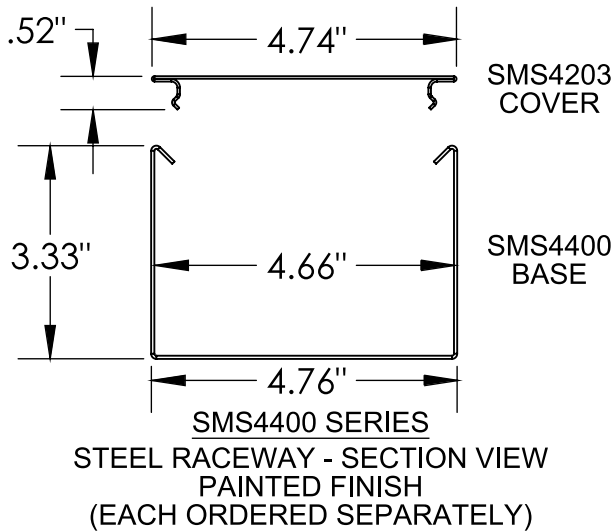
Assembly Instructions

1.) 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).

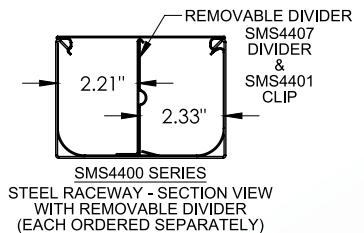
2.) Views for reference – do not scale.

Material

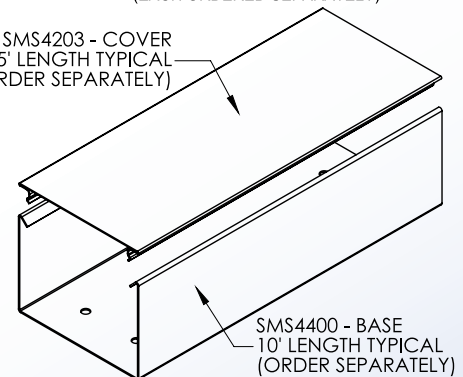
Galv. Steel. Color: Standard Gray or Ivory (Add -I suffix to part number). Custom colors also available.



UL LISTED
FILE: E164140



SMS4203 - COVER
5' LENGTH TYPICAL
(ORDER SEPARATELY)



SMS4400 SERIES STEEL RACEWAY FILL CAPACITY FOR DATA / COMMUNICATIONS							
CABLE TYPE	CABLE/WIRE SIZE	APPROX. O.D. Ø INCHES [mm]	WITHOUT DIVIDER		WITH DIVIDER		
			20% FILL	40% FILL	20% FILL	40% FILL	
UNSHIELDED TWISTED PAIR (CUTP)	4-PAIR, 24 AWG, CAT 3	0.190 [4.8]	108	217	53	107	
	4-PAIR, 24 AWG, CAT 5e	0.210 [5.3]	80	161	40	80	
	4-PAIR, 24 AWG, CAT 6	0.250 [6.3]	29	80	14	28	
TELEPHONE	2-PAIR, 24 AWG	0.140 [3.5]	199	399	99	198	
	3-PAIR, 24 AWG	0.150 [3.8]	174	348	86	172	
	4-PAIR, 24 AWG	0.190 [4.8]	108	217	53	107	
	25-PAIR, 24 AWG	0.410 [10.3]	23	46	11	23	
COAXIAL CABLES	RG58/U 18 GAUGE	0.195 [4.7]	103	206	51	102	
	RG59/U 22 GAUGE	0.242 [6.1]	66	133	33	66	
	RG62/U 20 GAUGE	0.242 [6.1]	66	133	33	66	
	RG6/U 20 GAUGE	0.270 [6.8]	53	107	26	53	
TWINAXIAL	100 Ohm	0.330 [8.3]	35	71	17	35	
SHIELDED TWISTED PAIR	TYPE 1	0.390 [9.8]	25	51	12	25	
	TYPE 2	0.465 [11.0]	18	36	8	17	
	TYPE 3	0.245 [6.1]	65	130	32	64	
FIBER OPTIC	2-STRANDED (DUPEX) MULTIMODE, 62.5/125µm	0.198 [4.8]	108	217	53	107	

SMS4400 SERIES STEEL RACEWAY FILL CAPACITY FOR POWER WIRING					
*NOTE: WIRING CAPACITY IS REDUCED BY 30% IN ALL ANGLD FITTINGS.		WITHOUT DEVICES		POWER WIRING WITH 1.59 Sq. In. DUPLEX DEVICES	
WIRE SIZE THHN/THWN	APPROX. O.D. Ø INCHES [mm]	WITHOUT DIVIDER	WITH DIVIDER	WITHOUT DIVIDER	WITH DIVIDER
6 AWG	0.254 [6.5]	77	37	42	20
8 AWG	0.216 [5.5]	106	51	57	27
10 AWG	0.164 [4.2]	203	99	111	54
12 AWG	0.130 [3.3]	252	123	137	67
14 AWG	0.111 [2.8]	307	150	167	81

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