



NON-METALLIC CABLE TRAY & STRUT SYSTEMS

6" STRAIGHT SECTION



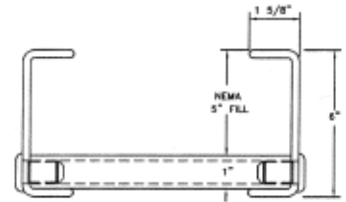
STRAIGHT SECTION CATALOG SELECTOR

NM - 6B P 09 24 - 120

CABLE TRAY SYSTEM	SERIES	MATERIAL	RUNG SPACING	WIDTH	LENGTH
Non-metallic	6B	P - Polyester Resin V- Vinyl Ester Resin	6" 9" 12" 18"	6" 9" 12" 18" 24" 30" 36"	120" = 10 ft 240" = 20 ft

SPECIFICATIONS

Side Rail Height : 6" (5" loading depth)



Series	Safety Factor	SUPPORT SPAN (FT.)					
		12	14	16	18	20	
6B	1.5	Design Load Lbs./Ft.	254	186	143	113	91
		Deflection in.	1.6	2.2	2.8	3.6	4.4
		K Factor	0.006	0.012	0.020	0.032	0.048

SPLICE PLATES

One pair of stainless steel SS6 splice plates with SS6 (316 Stainless Steel) hardware included.

LOADING

- CSA load class: E/3M
- NEMA 20B
- 12" rung spacing

DEFLECTION FACTOR

To calculate deflection at any span length for lighter loads than listed, multiply the load by the K factor. When trays are used in continuous spans, the deflection of the tray is reduced by as much as 50%.



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STRAIGHT SECTION CATALOG SELECTOR

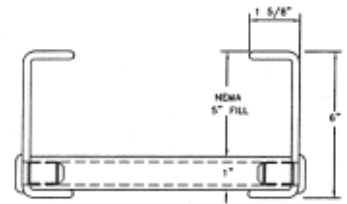
NM - 6C P 09 24 - 120

CABLE TRAY SYSTEM	SERIES	MATERIAL	RUNG SPACING	WIDTH	LENGTH
Non-metallic	6C	P - Polyester Resin V- Vinyl Ester Resin	6" 9" 12" 18"	6" 9" 12" 18" 24" 30" 36"	120" = 10 ft 240" = 20 ft

STRAIGHT SECTION

SPECIFICATIONS

Side Rail Height : 6" (5" loading depth)



Series	Safety Factor	SUPPORT SPAN (FT.)					
		12	14	16	18	20	
6C	1.5	Design Load Lbs./Ft.	356	262	200	158	128
		Deflection in.	1.6	2.2	2.9	3.7	4.6
		K Factor	0.004	0.008	0.015	0.023	0.136

SPLICE PLATES

One pair of stainless steel SS6 splice plates with SS6 (316 Stainless Steel) hardware included.

LOADING

- CSA load class: E/3M, D/6M
- NEMA 20C
- 12" rung spacing

DEFLECTION FACTOR

To calculate deflection at any span length for lighter loads than listed, multiply the load by the K factor. When trays are used in continuous spans, the deflection of the tray is reduced by as much as 50%.



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6" STRAIGHT SECTION



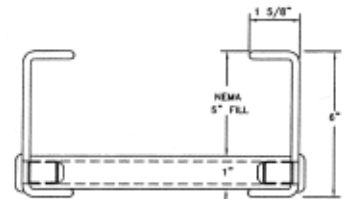
STRAIGHT SECTION CATALOG SELECTOR

NM - H6C P 09 24 - 120

CABLE TRAY SYSTEM	SERIES	MATERIAL	RUNG SPACING	WIDTH	LENGTH
Non-metallic	H6C	P - Polyester Resin V- Vinyl Ester Resin	6" 9" 12" 18"	6" 9" 12" 18" 24" 30" 36"	120" = 10 ft 240" = 20 ft

SPECIFICATIONS

Side Rail Height : 6" (5" loading depth)



Series	Safety Factor	SUPPORT SPAN (FT.)					
		12	14	16	18	20	
H6C	1.5	Design Load Lbs./Ft.	386	283	217	171	139
		Deflection in.	1.8	2.4	3.2	4.0	5.0
		K Factor	0.005	0.008	0.015	0.023	0.036
	2.0	Design Load Lbs./Ft.	289	212	163	129	104
		Deflection in.	1.3	1.8	2.4	3.0	3.7
		K Factor	0.004	0.008	0.015	0.023	0.036

SPLICE PLATES

One pair of stainless steel SS6 splice plates with SS6 (316 Stainless Steel) hardware included.

LOADING

- CSA load class: *D/6M (* with safety factor of 1.5 only), E/3M
- NEMA 20C
- 12" rung spacing

DEFLECTION FACTOR

To calculate deflection at any span length for lighter loads than listed, multiply the load by the K factor. When trays are used in continuous spans, the deflection of the tray is reduced by as much as 50%.