

TRAY LOAD RATING CLASS

The table to the right is the CSA load/span class designation. The classes are C1, D1, and E and you will note that the maximum load rating varies depending on the class and support spacing.

Note: C,D and E are the conventional CSA designations.

8A / B/C, 12A / B/C, 16A / B/C AND 20A / B/C are the traditional NEMA designations.

It is important to consider the load your cable tray will endure. Consider the following

when calculating the load: cable weight, snow, ice and wind.

STYLES OF TRAY

There are three different styles of cable tray: Ladder / Ventilated / Solid

SELECT TRAY SIZE WIDTH AND HEIGHT

There are different widths and heights of cable tray and what you require will depend on number, size, and weight of the cables in the tray. CODE standard widths are available in 15cm, 30cm, 45cm, 60cm, 75cm, and 90cm.

Height is available for the siderail as follows:

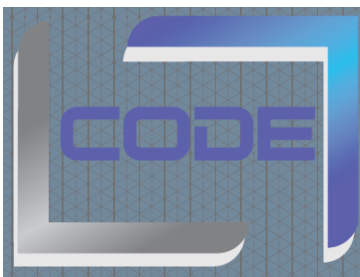
C1 - 102mm (4") | D1, D3m & E1 = 115mm (4 1/2") | C6, D6, E6 = 150mm (6")

LOAD / SPAN CLASS DESIGNATION (CSA C22.2 #126.1-98)

			Span m (ft)		
Load kg/m (lb/ft)	2.4(8)	3.0(10)	3.7(12)	4.9(16)	6.0(20)
37 (25)		A			
67 (45)					D
74 (50)	8A		12A	16A	20A
97 (65)		C			
112 (75)	8B	12B	16B	E	
149 (100)	8C		12C	16C	20C
179 (120)		D			
299 (200)		E			

CODE cable tray systems are manufactured to conform to the standard load classes of CSA as follows:

CSA Class Designation	CODE Designation	Side Rail Height	Rated Load (Kg / m)	Rated Span (m)
C1	C	102	97	3
	C6	150	97	3
D1	D	115	67	6
	D3m	115	67	6
	D6	150	67	6
E	E	115	112	6
	E6	150	112	6



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