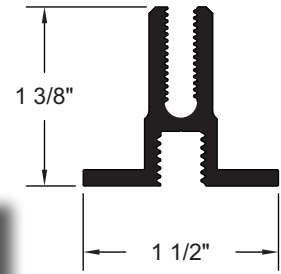
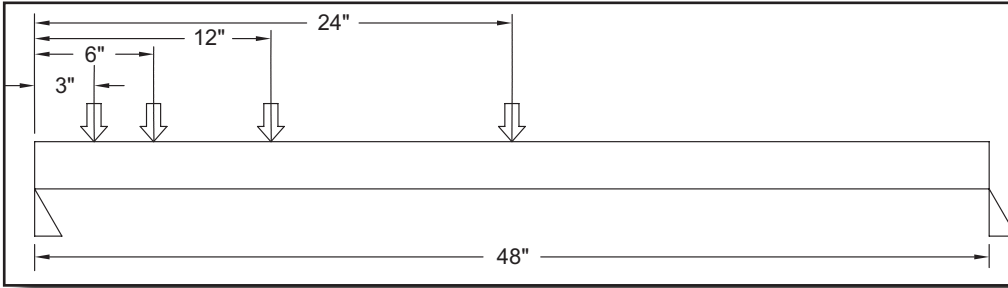


# DG 1.5 LOAD DATA

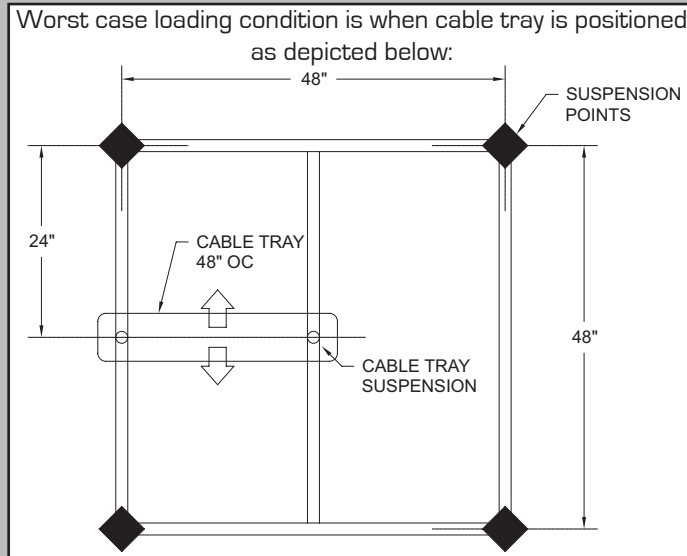
## Point Load and Deflection



Single Point Load			Lbs@24"		Lbs@12"		Lbs@6"		Lbs@3"	
Hanger Span	Deflection Criteria	Vertical Deflection (in)	Point Load (lbs)	Uniform Load (lbs/ft <sup>2</sup> )*	Point Load (lbs)	Uniform Load (lbs/ft <sup>2</sup> )*	Point Load (lbs)	Uniform Load (lbs/ft <sup>2</sup> )*	Point Load (lbs)	Uniform Load (lbs/ft <sup>2</sup> )*
48"	L/360	0.13	63	3.9	74	4.6	135	8.4	335	20.9
48"	L/180	0.27	127	7.9	148	9.3	275	17.2	530	33.1
48"	L/90	0.53	241	15.1	286	17.9	550	34.4	1000	62.5

\* Structural Engineer to specify allowable uniform load for deck above ceiling.

## Cable Tray Loading

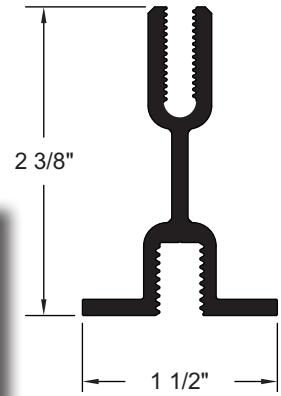
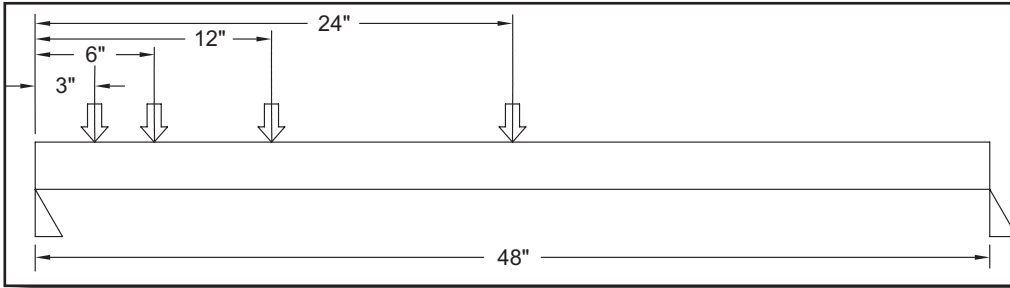


## Point Load below based on worst case loading of Cable Tray.

Deflection Criteria	Vertical Deflection (in.)	Point Load lbs@24"	Number of Cat 6 Cables including Cable Tray Supported 48" O.C.
L/360	0.13	33	413
L/180	0.27	66	940
L/90	0.53	120	1,853

# DG 3.0 Load Data

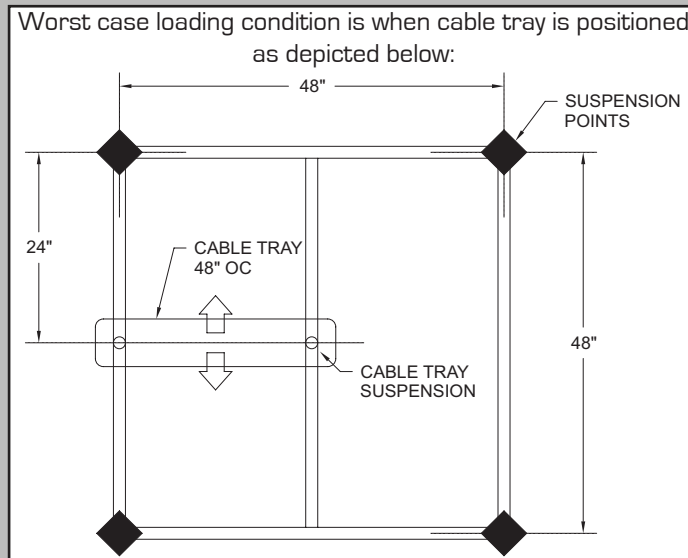
## Point Load and Deflection



Single Point Load			Lbs@24"		Lbs@12"		Lbs@6"		Lbs@3"	
Hanger Span	Deflection Criteria	Vertical Deflection (in)	Point Load (lbs)	Uniform Load (lbs/ft <sup>2</sup> )*	Point Load (lbs)	Uniform Load (lbs/ft <sup>2</sup> )*	Point Load (lbs)	Uniform Load (lbs/ft <sup>2</sup> )*	Point Load (lbs)	Uniform Load (lbs/ft <sup>2</sup> )*
48"	L/360	0.13	235	14.7	330	20.6	610	38.1	1150	71.9
48"	L/180	0.27	460	28.8	655	40.9	1200	75.0	2250	140.6
48"	L/90	0.53	860	53.8	1310	81.9	2350	146.9	4300	268.8

\* Structural Engineer to specify allowable uniform load for deck above ceiling.

## Cable Tray Loading



## Point Load below based on worst case loading of Cable Tray.

Deflection Criteria	Vertical Deflection (in.)	Point Load lbs@24"	Number of Cat 6 Cables including Cable Tray Supported 48" O.C.
L/360	0.13	149	1,978
L/180	0.27	298	4,010
L/90	0.53	596	7,800