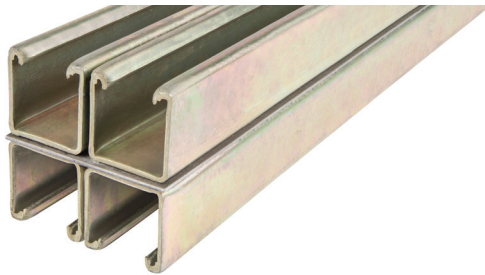

 TECHNICAL DATA SHEET

Channel, Riveted Quad Strut

A1204 10 and A1204 20

Superstrut®



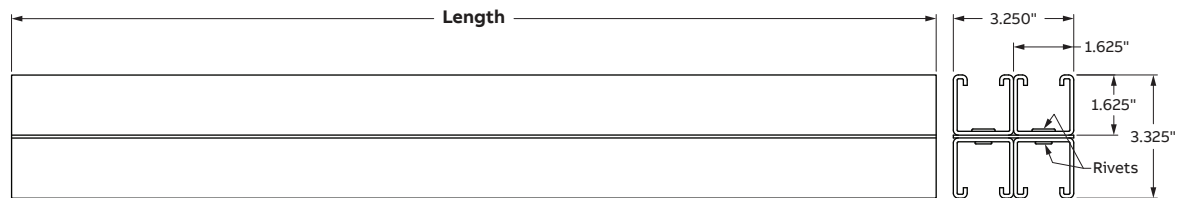
Superstrut® Channel - Riveted Quad Strut provides 4 open slots for even more mounting flexibility, for high-density cable environments.

Features:

- Available in two lengths (10 and 20 feet).
- Quad Struts are: 3.250" x 3.325" (82.6mm x 84.5mm) with individual channels of 1.625" x 1.625" (41.3mm x 41.3mm).

Material / Finish:

- Hot rolled low carbon steel, grade CS ASTM A1011.
- GoldGalv® trivalent yellow zinc chromium finish.
- Channels are riveted together with 5/16" solid rivets every 4 inches, through 14-gauge center plate.



Product selection

Part no:	Material	Finish	Length	
			Feet	Meters
A1204 10	Hot rolled low carbon steel	GoldGalv®	10	3.05
A1204 20	Hot rolled low carbon steel	GoldGalv®	20	6.1

Note: Product must be installed in accordance with applicable national and local electrical codes.

Load ratings:

- When no numbers are shown, use the maximum uniform load.

Ratings							
Maximum Uniform			1/180 span		1/360 span		Column load (lbs.)
Span	Load (lbs.)	Deflection (in.)	Load (lbs.)	Deflection (in.)	Load (lbs.)	Deflection (in.)	
30	7713	0.049	—	0.167	—	0.083	42627
36	6428	0.070	—	0.200	—	0.100	41577
42	5510	0.095	—	0.233	—	0.117	40462
48	4821	0.124	—	0.267	—	0.133	39283
54	4285	0.157	—	0.300	4082	0.150	38038
60	3857	0.194	—	0.333	3306	0.167	36729
66	3506	0.235	—	0.367	2733	0.183	35355
72	3214	0.280	—	0.400	2296	0.200	33916
84	2755	0.381	—	0.467	1687	0.233	30843
96	2410	0.498	—	0.533	1292	0.267	27511
108	2143	0.630	2041	0.600	1021	0.300	23919
120	1928	0.778	1653	0.667	827	0.333	20068
144	1607	1.120	1148	0.800	574	0.400	—
168	1377	1.524	843	0.933	422	0.467	—
192	1205	1.991	646	1.067	323	0.533	—
216	1071	2.519	510	1.200	255	0.600	—
240	964	3.110	413	1.333	207	0.667	—

Properties for design:

- Quad strut

Properties											
Dimensions				x-x axis				y-y axis			
H (in.)	W (in.)	A (in ²)	I (in ⁴)	S (in ³)	r (in.)	Z (in.)	I (in ⁴)	S (in ³)	r (in.)	Z (in.)	
3.325	3.25	2.35	1.924	1.157	0.905	1.663	2.508	1.544	1.033	1.625	

I = Moment of Inertia
 S = Section of Modulus
 r = Radius of Gyration
 Z = Nominal Axis
 A = Area

