



**CHATSWORTH  
PRODUCTS**

# Universal Rack



- High-strength, lightweight aluminum extrusion construction
- Two top angles or top bars and heavy-duty assembly hardware for stronger rack to handle heavier loading
- 50 special #12-24 mounting screws with combination Phillips/Straight heads and pilot points to reduce cross threading and installation time
- Unique packaging inserts eliminate damage from components hitting together in the carton during shipping and handling; racks are packed unassembled in individual cartons
- Ease of assembly is enhanced through use of threaded channels; no hex nuts are required
- Universal 5/8"-5/8"-1/2" (15.9 mm-15.9 mm-12.7 mm) alternating hole pattern offers greater mounting flexibility, maximizes usable mounting space and is compatible with conventional wide 1-1/4"-1/2" (31.8 mm -12.7 mm) alternating hole patterns
- Integrated masked grounding studs on the inside of the rack channel for quick attachment to the Telecommunications Grounding System
- Available in powder coat color finishes (Gray, Black, Glacier White) or grained aluminum finish (Clear)
- State-of-the-art manufacturing methods provide the best quality and fastest delivery in the industry
- Side channels have multiple mounting holes and (4) pem nuts for quick installation of cable management
- EIA Channels: C-Shaped, 1.265" x 3" (32.13 mm x 76 mm); 25" (6.4 mm) thick front/rear flanges; 17" (4.3 mm) thick web (pair)
- Base Angles: 3.5" x 6.0" x .375" (89 mm x 152 mm x 9.53 mm) thick (pair)
- Top Angles: 1.5" x 1.5" x .25" (38 mm x 38 mm x 6.4 mm) thick (pair)
- Top Angles, Flush Bolted: 1.5" x 2.0" x .25 (38 mm x 51 mm x 6.4 mm) thick
- Top Bars: 1.5" x .25" (38 mm x 6.4 mm) thick (pair)
- Panel Mounting Holes: #12-24 rolled threads in both flanges front and back
- Custom configurations and assemblies available by special order
- Assembly hardware is included
- Select models (P/N 48353-XXX, 48383-XXX) are UL Listed: File E140851; Category DUXR (US), DUXR7 (Canada) – Communications Circuit Accessory
- OSHPD Preapproval of Manufacturer's Certification (OPM-0261)
- Weight capacity 1500 lb (680.4 kg) — weight must be evenly distributed, and rack must be properly secured to floor

*Installation Hint: When mounting equipment, use #3 Phillips tip to assure maximum torque.*



## ORDERING INFORMATION

Top Bar or Angles					
460	Two Top Bars				
463	Two Top Angles				
467	Two Top Angles, Flush Bolted				
483	UL Listed (With Two Top Angles)				
	<b>Width - in</b>				
	5	19 EIA Channel			
	8	23 Channel			
	<b>Mounting Holes</b>				
	3	Mounting Holes Both Sides			
	<b>Color</b>				
	1	Gray			
	5	Clear			
	7	Black			
	E	Glacier White			
	<b>Height</b>				
	31	3 (0.9)	17U		
	20	4 (1.2)	24U		
	19	5 (1.5)	31U		
	00	5.6 (1.7)	34U		
	01	6 (1.8)	38U		
	02	6.6 (2.0)	41U		
	03	7 (2.1)	45U		
	05	7.6 (2.3)	48U		
	15	8 (2.4)	51U		
17	8.6 (2.6)	55U			
08	9 (2.7)	58U			
4XX	X	X	-	X	XX

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