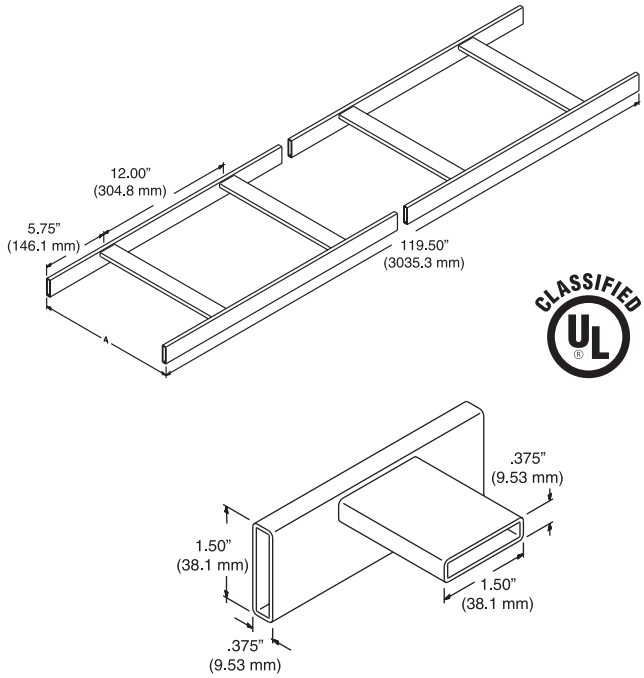
CHATSWORTH PRODUCTS

PRODUCT SPEC SHEET

Universal Cable Runway



Universal Cable Runway

Our most popular cable runway is designed for value conscious customers. The Universal Cable Runway offers the industry standard features you've come to expect. With the runway supported every 5' (1.5 m), maximum load with minimal deflection is 132 lb/ft (59.9 kg).

- Made of 3/8" x 1-1/2" x .065" (9.53 mm x 38 mm x 1.65 mm) wall rectangular steel tubing
- Cross members welded at 12" (300 mm) intervals
- Individually boxed to prevent scratches and damage
- Standard length is 9'-11 1/2"/119.5" (3035 mm)
- Installation Best Practices includes Runway Elevation Kit
- U.L. classified for suitability as an equipment grounding conductor (must remove paint from side stringers or use grounding strap
- 11301 Butt-Splice Kit Installation Instructions chatsworth.com

NOTE: CPI 10250, 11252, 11275 and 14300 cable runway systems are listed under UL E138966 and tested to the requirements in the Standard for Safety for Metal Cable Tray Systems, NEMA VE 1-2017 and ANSI/NFPA 70.

ORDERING INFORMATION

Part Number	Width (Dim. A) in (mm)	Shipping Weight lb (kg)
10250-X04	4 (100)	18 (8.2)
10250-X06	6 (150)	19 (8.6)
10250-X09	9 (230)	20 (9.1)
10250-X12	12 (300)	25 (11.3)
10250-X15	15 (380)	27 (12.2)
10250-X18	18 (460)	29 (13.2)
10250-X24	24 (610)	32 (14.5)
10250-X31	30 (760)	35 (15.7)
10250-X37	36 (910)	38 (17.2)

X=color; 1=Gray, 7=Black, E=Glacier White.

United States & Canada
Simi Valley, CA
800-834-4969
Toronto, Ontario, Canada
+905-850-7770
chatsworth.com
techsupport@chatsworth.com

Latin America
Mexico City, Mexico
+52-55-5203-7525
Toll Free within Mexico
800-201-7592
chatsworth.com.co

Europe
Buckinghamshire
England, UK
+44-1628-524-834

Middle East & Africa
Dubai, UAE
+971-4-2602125

Asia Pacific
Jing'an District,
Shanghai, China
+86 21 6880-0266
chatsworth.com.cn

Cable Runway Load-Span Table

Maximum load with minimal deflection is 132 lb/ft when the runway is supported every 5'.

Load-Span Table, CPI Cable Runway

Safety Factor	Span (ft)	4	5	6	7	8	9
1.5	Maximum Load (lb/ft) Defection (in)	206 0.41	132 0.64	92 0.92	67 1.25	52 1.62	41 2.03
2.0	Maximum Load (lb/ft) Defection (in)	154 0.31	99 0.48	69 0.68	50 0.93	39 1.21	31 1.531
CPI recommends supporting cable runway runs every 5 feet.	K factor	0.002	0.005	0.010	0.019	0.032	0.050

To calculate deflection for loads lighter than maximum loads listed in table, .multiply load for which deflection

is desired by K factor listed in table for cable runway support span utilized.

Example: To calculate maximum deflection using a safety factor of 1.5 for a length of cable runway supported

every 5' and loaded with 80 pounds per foot:

Deflection = (80) (0.005) = 0.40"

NOTE: CPI 10250, 11252, 11275 and 14300 cable runway systems are listed under UL E138966 and tested to the

requirements in the Standard for Safety for Metal Cable Tray Systems, NEMA VE 1-2009 and ANSI/NFPA 70.

United States & Canada
Simi Valley, CA
800-834-4969
Toronto, Ontario, Canada
+905-850-7770
chatsworth.com
techsupport@chatsworth.com

Latin America
Mexico City, Mexico
+52-55-5203-7525
Toll Free within Mexico
800-201-7592
chatsworth.com.co

Europe
Buckinghamshire
England, UK
+44-1628-524-834

Middle East & Africa
Dubai, UAE
+971-4-2602125

Asia Pacific
Jing'an District,
Shanghai, China
+86 21 6880-0266
chatsworth.com.cn