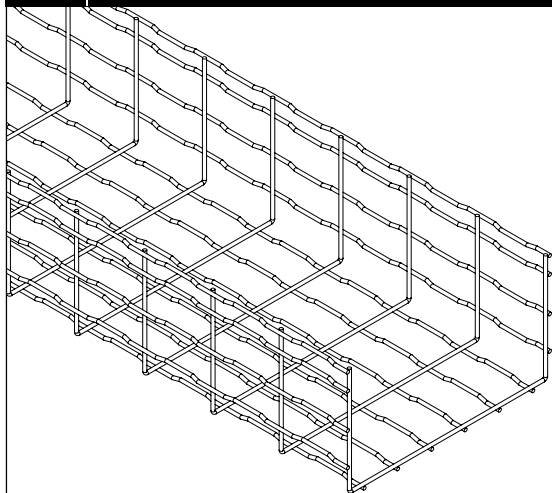


BFR H6"



Models (BxH):

8"x6" (200x155), 12"x6" (300x155), 16"x6" (400x155), 18"x6" (450x155), 20"x6" (500x155), 24"x6" (600x155), 36"x6" (900x155)*.

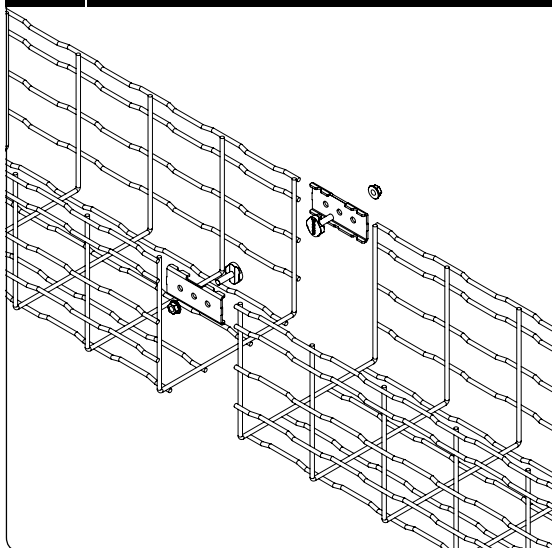
Materials/Coatings: EZ, HDG.

Characteristics of the cable tray:

- Metallic
- No-flame propagating component
- System with electrical continuity
- Electrically conductive component
- Minimum temperature of -50 °C
- Maximum temperature of 150 °C
- Impact strength: 20J

*NOTE: 36"x6" only available in "BF" shape, with straight wires.

ASSEMBLY INSTRUCTIONS



- To assemble 2 trays 1 bolt&Staple Set or ULA Set are needed in each wing of the tray.
- For trays wider than 200 mm (8") an additional Bolt&Staple Set is needed in the center of the base.
- Models of 65 mm (2") and 105 mm (4") in height could use one Quick Joint BF 65/105 in each wing of the tray with one bolt&staple BF set in the center of the base.
- Tray installation for an electrical system should NOT run under other types of canalizations such as water, vapour or gas.
- To guarantee a good ventilation we recommend installing the trays keeping a minimum distance of 250 mm (10") between each tray.
- Trays which are placed on supports shall have to keep a gap of 20 mm (4/5") from the wall to allow for a proper ventilation of the cables.

Accessories:

Range accessories: Cover, Divider Profiles, Drop-out plate.

Union Elements: Quick Joints (H35&H65-105), BF Bolt&Staple Set, BF Bolt Set, multi-union plate.

Supporting elements: SSC, Universal Box Support, Mini Universal Box Support, Conduit Drop-Out Plate.

APPROVALS



- BASORFIL wire-mesh cable trays are UL certified for US (File - E358301).
- UL certification guarantees that BFR wire-mesh models, mounted following the assembly instructions, can be used as equipment-grounding conductor in accordance with Article 392 of NFPA 70 National Electric Code.

SAFE WORKING LOAD / NEMA CLASSIFICATION

Load Values & NEMA Classification for EZ&HDG

| | SWL kg/m (lb/ft) | | Classification | |
|-----------------------|------------------|-------------|----------------|--------|
| | 5 ft | 8 ft | 5 ft | 8 ft |
| | 1,52 m | 2,44 m | 1,52 m | 2,44 m |
| BFR 8"x6" (200x155) | 106,2 (71,4) | 41,4 (27,8) | 5A | 8AA |
| BFR 12"x6" (300x155) | 118,7 (79,8) | 46,3 (31,1) | 5B | 8AA |
| BFR 16"x6" (400x155), | 151,9 (102,1) | 59,2 (39,8) | 5C | 8AA |
| BFR 18"x6" (450x155) | 159,1 (106,9) | 62 (41,7) | 5C | 8AA |
| BFR 20"x6" (500x155) | 166,3 (111,7) | 64,8 (43,6) | 5C | 8AA |
| BFR 24"x6" (600x155) | 178,1 (119,7) | 69,5 (46,7) | 5C | 8AA |
| BF 36"x6" (900x155) | 405 (272,1) | 158 (106,1) | 5C+ | 8C |

NOTE: Load Values and Classification obtained according to Load to destruction test per NEMA VE1 with 1.5 Safety Factor