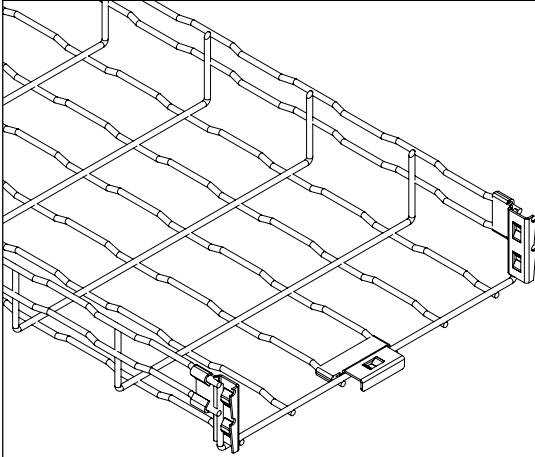


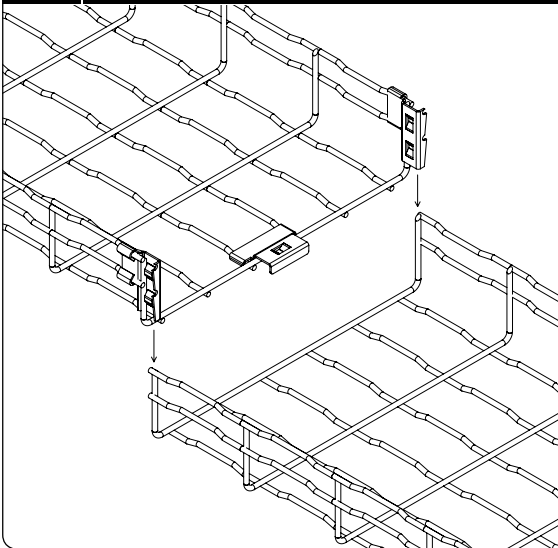
**BF2R****Models (BxH):**

2"x2" (60x65); 4"x2" (100x65); 6"x2" (150x65); 8"x2" (200x65); 12"x2" (300x65); 16"x2" (400x65); 18"x2" (450x65); 20"x2" (500x65); 24"x2" (600x65); 4"x4" (100x105); 8"x4" (200x105); 12"x4" (300x105); 16"x4" (400x105); 18"x4" (450x105); 20"x4" (500x105); 24"x4" (600x105).

Materials/Coatings: EZ, HDG, SS304.

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

ASSEMBLY INSTRUCTIONS

- To assemble 2 trays additional pieces are not needed.
- BF2R wire-mesh cable trays include different fixing points along the base of the tray to ensure a perfect assembly including the widest models.
- 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.
- To be used as grounding conductor, models 4"x1"1/2 (100x35), 6"x1"1/2 (150x35), 8"x1"1/2 (200x35), 12"x1"1/2 (300x35), 2"x2" (60x65), 4"x2" (100x65), 6"x2" (150x65), 8"x2" (200x65) must be mounted with ground connection clamp (ref. 2/6796) and 10 AWG wire.

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 and Canada by UL (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, and the CEC, Part 1, Canadian Electrical 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
BF2R 2"x2" (60x65)	12,5 (8,4)	4,9 (3,3)	-	-
BF2R 4"x2" (100x65)	28,4 (19,1)	11,1 (7,5)	-	-
BF2R 6"x2" (150x65)	31,7 (21,3)	12,4 (8,3)	-	-
BF2R 8"x2" (200x65)	47,6 (32)	18,6 (12,5)	5AA	-
BF2R 12"x2" (300x65)	57,1 (38,4)	22,3 (15)	5AA	-
BF2R 16"x2" (400x65)	69,9 (47)	27,3 (18,3)	5AA	-
BF2R 18"x2" (450x65)	66,7 (44,9)	26,1 (17,5)	5AA	-
BF2R 20"x2" (500x65)	63,5 (42,7)	24,8 (16,7)	5AA	-
BF2R 24"x2" (600x65)	79,4 (53,3)	31 (20,8)	5A	-
BF2R 4"x4" (200x105)	48,0 (32,2)	18,8 (12,6)	5AA	-
BF2R 8"x4" (200x105)	72,2 (48,5)	28,2 (18,9)	5AA	-
BF2R 12"x4" (300x105)	76 (51,1)	29,7 (20)	5A	-
BF2R 16"x4" (400x105)	111,1 (74,7)	43,4 (29,2)	5A	8AA
BF2R 18"x4" (450x105)	109,5 (73,5)	42,8 (28,8)	5A	8AA
BF2R 20"x4" (500x105)	107,8 (72,4)	42,1 (28,3)	5A	8AA
BF2R 24"x4" (600x105)	117,5 (79)	45,9 (30,8)	5A	8AA

Load Values & NEMA Classification for SS304

	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
BF2R 2"x2" (60x65)	12,8 (8,6)	5 (3,4)	-	-
BF2R 4"x2" (100x65)	28,7 (19,3)	11,2 (7,5)	-	-
BF2R 6"x2" (150x65)	25,3 (17)	9,9 (6,7)	-	-
BF2R 8"x2" (200x65)	44,5 (29,9)	17,4 (11,7)	5AA	-
BF2R 12"x2" (300x65)	54, (36,3)	21,1 (14,2)	5AA	-
BF2R 16"x2" (400x65)	60,2 (40,4)	23,5 (15,8)	5AA	-
BF2R 18"x2" (450x65)	58,7 (39,4)	22,9 (15,4)	5AA	-
BF2R 20"x2" (500x65)	57,1 (38,4)	22,3 (15,0)	5AA	-
BF2R 24"x2" (600x65)	54 (36,3)	21,1 (14,2)	5AA	-
BF2R 4"x4" (100x105)	51,4 (34,6)	20,1 (13,5)	5AA	-
BF2R 8"x4" (200x105)	73 (49)	28,5 (19,2)	5AA	-
BF2R 12"x4" (300x105)	69,9 (47)	27,3 (18,3)	5AA	-
BF2R 16"x4" (400x105)	76 (51,1)	29,7 (20)	5A	-
BF2R 18"x4" (450x105)	74,5 (50,1)	29,1 (19,6)	5A	-
BF2R 20"x4" (500x105)	73 (49)	28,5 (19,2)	5AA	-
BF2R 24"x4" (600x105)	69,9 (47)	27,3 (18,3)	5AA	8AA

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