

Nonmetallic - Cable tray Fittings

NOTE: Splice plates NOT included. See pages B38-B41 for type of splice plates available. Covers are available. Please consult your ABB representative.

Selection guide

1. Nonmetallic cable tray system.
2. For mitered fittings when available.
3. Select height of fitting required for application. This should match tray series and height selection.
4. Select the resin required. Refer to corrosion guide on page B7 of the technical information section for the effect of environmental conditions on the desired material; for the effective temperature range, see page B9 of the same section.
5. Select the desired width in inches.
6. Angle of fitting required for application.
7. Type of fitting required for application. See choices below.
8. Radius required for application. This would be determined by allowable radius of cables being installed. Standard radius is 24" (609.6mm).

Straight fittings number selection

To order

To order a straight section of cable tray, select the appropriate size and material from the charts below and place those symbols in the sequence shown to form the complete catalog number.

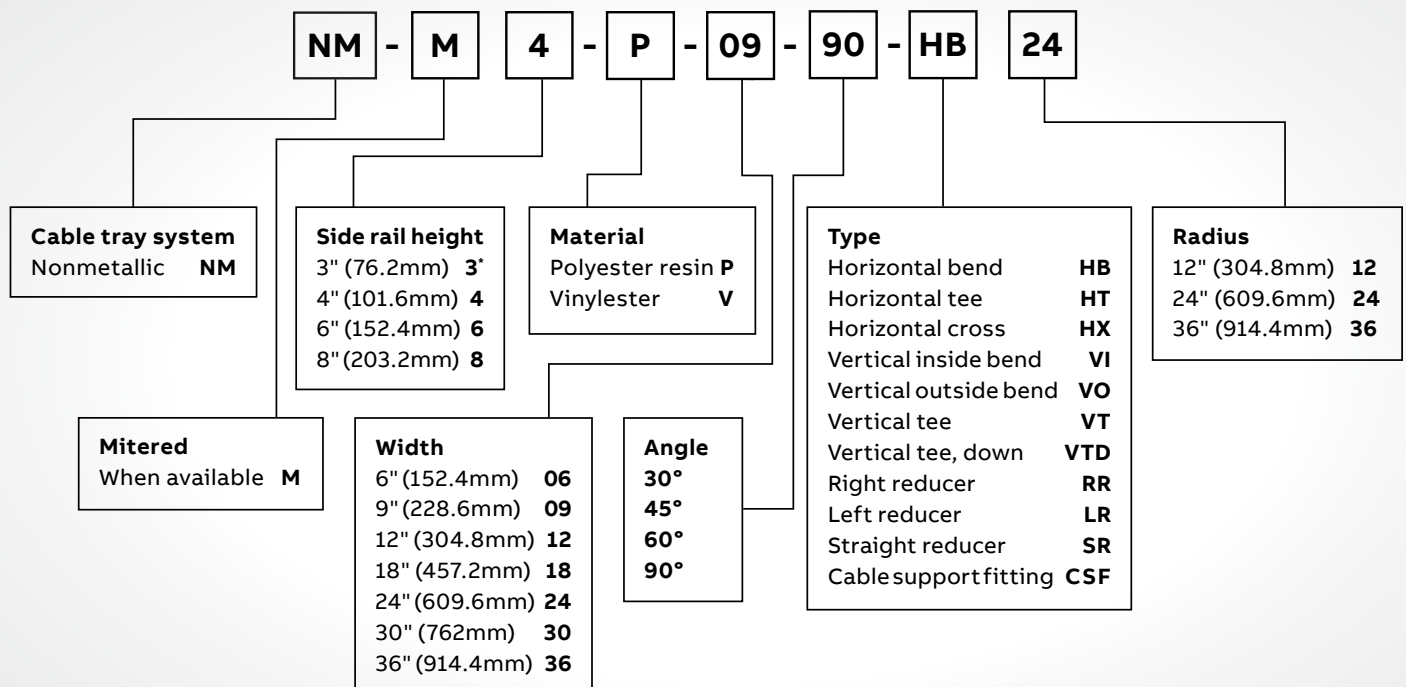
Example:

NM-4P0924-120

- 4" (101.6mm) side rail, polyester resin
- 9" (228.6mm) rung spacing
- 24" (609.6mm) wide, 120" (10 ft.) length

NOTE: One pair of nonmetallic splice plates with SS6 hardware included with each length.

For other types of splice plates, see pages B38-B41.

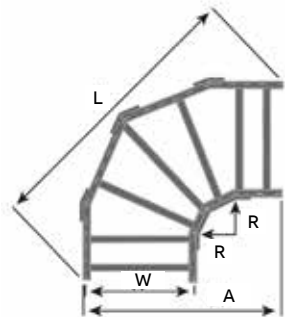


*Series 3 cable tray does not have UL or CSA listing.

Nonmetallic - Cable tray fittings

3" (76.2mm), 4" (101.6mm), 6" (152.4mm) & 8" (203.2mm) - 90° Horizontal bend fittings

90° Horizontal bend

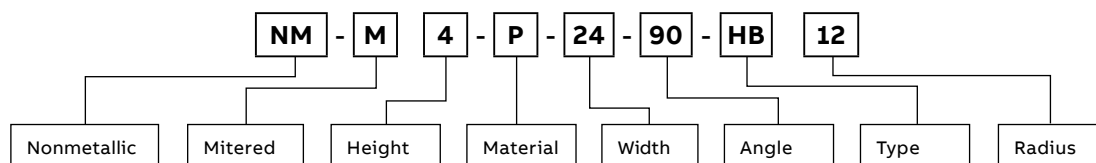
	Bend radius (R)		Tray width (W)		Cat. No.	Dimensions			
	(in.)	(mm)	(in.)	(mm)		A (in.)	A (mm)	L (in.)	L (mm)
	12	304.8	6	152.4	NM-M(*)-(Matl)-06-90HB12	33%	854	47½	1,207
	12	304.8	9	228.6	NM-M(*)-(Matl)-09-90HB12	36%	930	51¾	1,314
	12	304.8	12	304.8	NM-M(*)-(Matl)-12-90HB12	39%	1,006	56	1,422
	12	304.8	18	457.2	NM-M(*)-(Matl)-18-90HB12	45%	1,159	64½	1,638
	12	304.8	24	609.6	NM-M(*)-(Matl)-24-90HB12	51%	1,311	73	1,854
	12	304.8	30	762	NM-M(*)-(Matl)-30-90HB12	57%	1,464	81½	2,070
	12	304.8	36	914.4	NM-M(*)-(Matl)-36-90HB12	63%	1,616	90	2,286
	24	609.6	6	152.4	NM-M(*)-(Matl)-06-90HB24	45%	1,159	64½	1,638
	24	609.6	9	228.6	NM-M(*)-(Matl)-09-90HB24	48%	1,235	68¾	1,746
	24	609.6	12	304.8	NM-M(*)-(Matl)-12-90HB24	51%	1,311	73	1,854
	24	609.6	18	457.2	NM-M(*)-(Matl)-18-90HB24	57%	1,464	81½	2,070
	24	609.6	24	609.6	NM-M(*)-(Matl)-24-90HB24	63%	1,616	90	2,286
	24	609.6	30	762	NM-M(*)-(Matl)-30-90HB24	69%	1,768	98½	2,502
	24	609.6	36	914.4	NM-M(*)-(Matl)-36-90HB24	75%	1,921	107	2,718
	36	914.4	6	152.4	NM-M(*)-(Matl)-06-90HB36	57%	1,464	81½	2,070
	36	914.4	9	228.6	NM-M(*)-(Matl)-09-90HB36	60%	1,540	85¾	2,178

(*) Side Rail Height. One pair of fiberglass splice plates with SS6 hardware included.

Dimensions for reference only; when critical, contact your ABB representative. Consult your ABB representative for availability of molded fittings.

Standard rung spacing for fittings is 9¼" nominal (235mm). For other types of splice plates, see pages B38-B41.

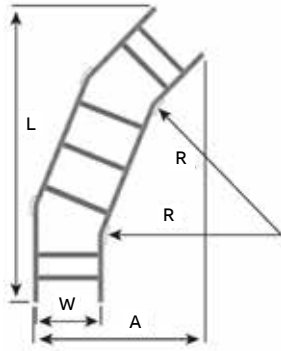
Fitting number selection



Nonmetallic - Cable tray fittings

3" (76.2mm), 4" (101.6mm), 6" (152.4mm) & 8" (203.2mm) - 45° Horizontal bend fittings

45° Horizontal bend



Bend radius (R)		Tray width (W)		Cat. No.	Dimensions			
(in.)	(mm)	(in.)	(mm)		A (in.)	A (mm)	L (in.)	L (mm)
12	304.8	6	152.4	NM-M(*)-(Matl)-06-45HB12	20 ¹¹ / ₁₆	525	38 ⁷ / ₈	987
12	304.8	9	228.6	NM-M(*)-(Matl)-09-45HB12	23 ¹¹ / ₁₆	602	41	1,041
12	304.8	12	304.8	NM-M(*)-(Matl)-12-45HB12	26 ¹¹ / ₁₆	678	43 ¹ / ₈	1,095
12	304.8	18	457.2	NM-M(*)-(Matl)-18-45HB12	32 ¹¹ / ₁₆	830	47 ³ / ₈	1,203
12	304.8	24	609.6	NM-M(*)-(Matl)-24-45HB12	38 ¹¹ / ₁₆	983	51 ¹ / ₈	1,311
12	304.8	30	762	NM-M(*)-(Matl)-30-45HB12	44 ¹¹ / ₁₆	1,135	55 ⁷ / ₈	1,419
12	304.8	36	914.4	NM-M(*)-(Matl)-36-45HB12	50 ¹¹ / ₁₆	1,287	60 ³ / ₈	1,527
24	609.6	6	152.4	NM-M(*)-(Matl)-06-45HB24	24 ¹ / ₄	616	47 ³ / ₈	1,203
24	609.6	9	228.6	NM-M(*)-(Matl)-09-45HB24	27 ¹ / ₄	692	49 ¹ / ₂	1,257
24	609.6	12	304.8	NM-M(*)-(Matl)-12-45HB24	30 ¹ / ₄	768	51 ¹ / ₈	1,311
24	609.6	18	457.2	NM-M(*)-(Matl)-18-45HB24	36 ¹ / ₄	921	55 ⁷ / ₈	1,419
24	609.6	24	609.6	NM-M(*)-(Matl)-24-45HB24	42 ¹ / ₄	1,073	60 ³ / ₈	1,527
24	609.6	30	762	NM-M(*)-(Matl)-30-45HB24	48 ¹ / ₄	1,226	64 ³ / ₈	1,635
24	609.6	36	914.4	NM-M(*)-(Matl)-36-45HB24	54 ¹ / ₄	1,378	68 ³ / ₈	1,743
36	914.4	6	152.4	NM-M(*)-(Matl)-06-45HB36	27 ³ / ₈	705	55 ⁷ / ₈	1,419
36	914.4	9	228.6	NM-M(*)-(Matl)-09-45HB36	30 ³ / ₈	781	58	1,473
36	914.4	12	304.8	NM-M(*)-(Matl)-12-45HB36	33 ³ / ₈	857	60 ³ / ₈	1,527
36	914.4	18	457.2	NM-M(*)-(Matl)-18-45HB36	39 ³ / ₈	1,010	64 ³ / ₈	1,635
36	914.4	24	609.6	NM-M(*)-(Matl)-24-45HB36	45 ³ / ₈	1,162	68 ³ / ₈	1,743
36	914.4	30	762	NM-M(*)-(Matl)-30-45HB36	51 ³ / ₈	1,314	72 ¹³ / ₁₆	1,846
36	914.4	36	914.4	NM-M(*)-(Matl)-36-45HB36	57 ³ / ₈	1,467	77 ¹ / ₁₆	1,957

(*) Side Rail Height. One pair of fiberglass splice plates with SS6 hardware included.

Dimensions for reference only; when critical, contact your ABB representative. Consult your ABB representative for availability of molded fittings.

Standard rung spacing for fittings is 9³/₄" nominal (235mm). For other types of splice plates, see pages B38-B41.

Fitting number selection

