

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

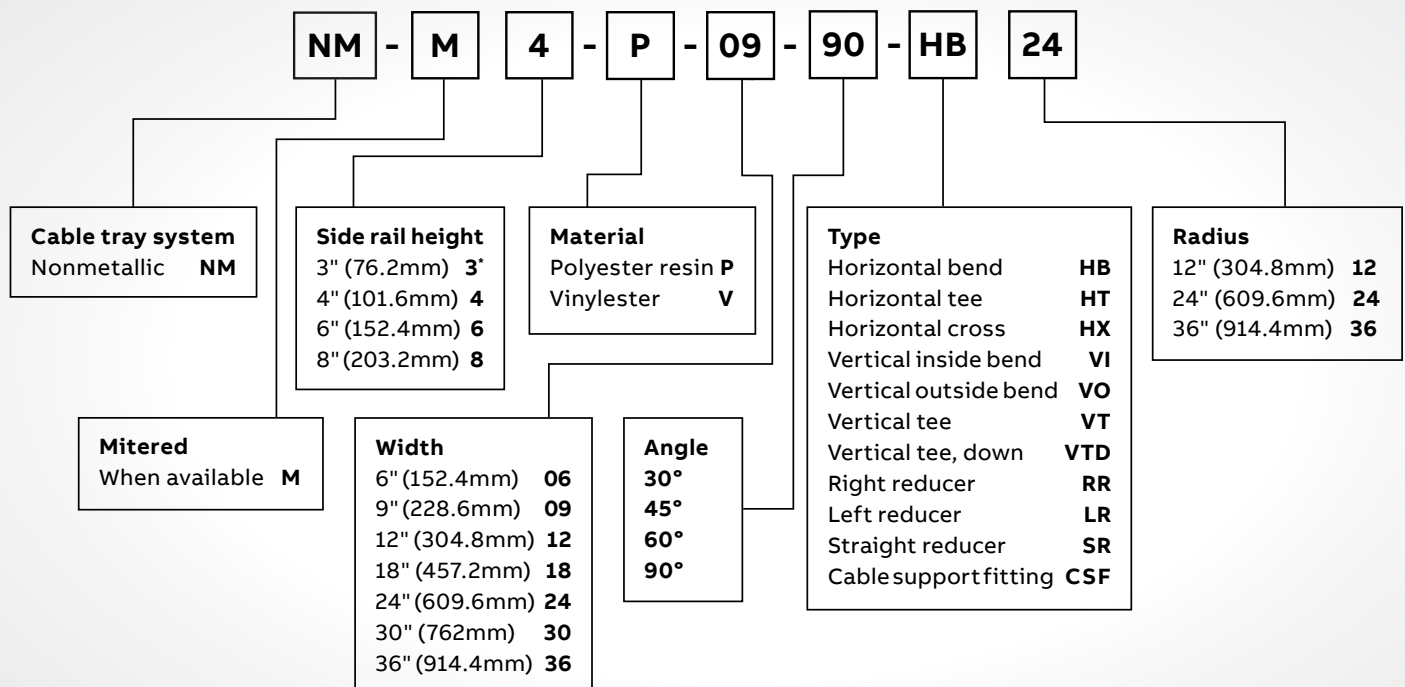
To order a straight section of cable tray, select the appropriate size and material from the charts below and place those symbols in the sequence shown to form the complete catalog number.

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.

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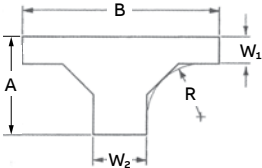
3" (76.2mm), 4" (101.6mm), 6" (152.4mm) & 8" (203.2mm) - Horizontal expanding tee fittings

Horizontal expanding tee – 12" (304.8mm) & 24" (609.6mm) radius

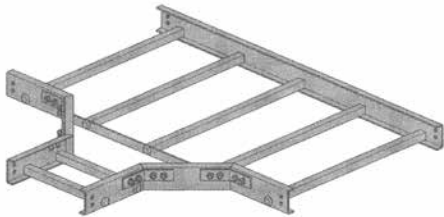
Tray width (W1)		Tray width (W2)		Cat. No. (**) Insert radius 12" or 24"	12" (304.8mm) Radius				24" (609.6mm) Radius			
(in.)	(mm)	(in.)	(mm)		A (in.)	A (mm)	B (in.)	B (mm)	A (in.)	A (mm)	B (in.)	B (mm)
9	228.6	12	304.8	NM-M(*)-(Matl)-09-12-HT(**)	33%	854	55½	1,410	45%	1,159	83¼	2,115
9	228.6	18	457.2	NM-M(*)-(Matl)-09-18-HT(**)	33%	854	64¾	1,645	45%	1,159	92½	2,350
9	228.6	24	609.6	NM-M(*)-(Matl)-09-24-HT(**)	33%	854	74	1,880	45%	1,159	92½	2,350
9	228.6	30	762	NM-M(*)-(Matl)-09-30-HT(**)	33%	854	74	1,880	45%	1,159	101¾	2,584
9	228.6	36	914.4	NM-M(*)-(Matl)-09-36-HT(**)	33%	854	83¼	2,115	45%	1,159	111	2,819
12	304.8	18	457.2	NM-M(*)-(Matl)-12-18-HT(**)	36%	930	64¾	1,645	48%	1,235	92½	2,350
12	304.8	24	609.6	NM-M(*)-(Matl)-12-24-HT(**)	36%	930	74	1,880	48%	1,235	92½	2,350
12	304.8	30	762	NM-M(*)-(Matl)-12-30-HT(**)	36%	930	74	1,880	48%	1,235	101¾	2,584
12	304.8	36	914.4	NM-M(*)-(Matl)-12-36-HT(**)	36%	930	83¼	2,115	48%	1,235	111	2,819
18	457.2	24	609.6	NM-M(*)-(Matl)-18-24-HT(**)	42%	1,083	74	1,880	54%	1,387	92½	2,350
18	457.2	30	762	NM-M(*)-(Matl)-18-30-HT(**)	42%	1,083	74	1,880	54%	1,387	101¾	2,584
18	457.2	36	914.4	NM-M(*)-(Matl)-18-36-HT(**)	42%	1,083	83¼	2,115	54%	1,387	111	2,819
24	609.6	30	762	NM-M(*)-(Matl)-24-30-HT(**)	48%	1,235	74	1,880	60%	1,540	101¾	2,584
24	609.6	36	914.4	NM-M(*)-(Matl)-24-36-HT(**)	48%	1,235	83¼	2,115	60%	1,540	111	2,819
30	762	36	914.4	NM-M(*)-(Matl)-30-36-HT(**)	54%	1,387	83¼	2,115	66%	1,692	111	2,819

(*) Side Rail Height. * NOTE: Insert radius, 12" (304.8mm) or 24" (609.6mm). Two pairs 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 9" (228.6mm). For other types of splice plates, see pages B38-B41.

Dimensions



Sample mitered fitting



Fitting number selection

