

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

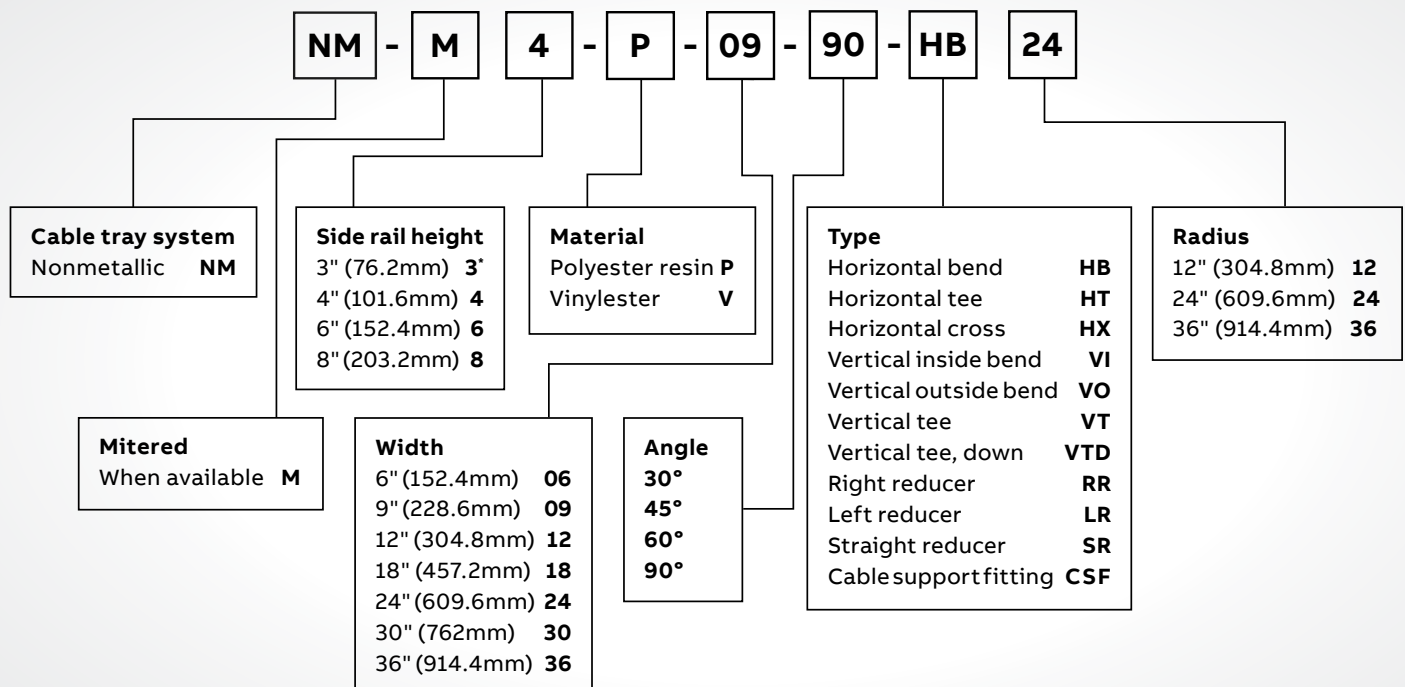
To order a straight section of cable tray, select the appropriate size and material from the charts below and place those symbols in the sequence shown to form the complete catalog number.

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.

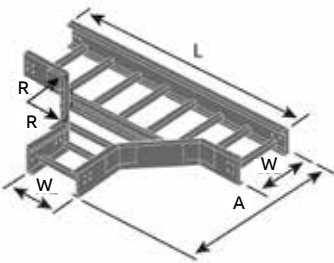


*Series 3 cable tray does not have UL or CSA listing.

Nonmetallic - Cable tray fittings

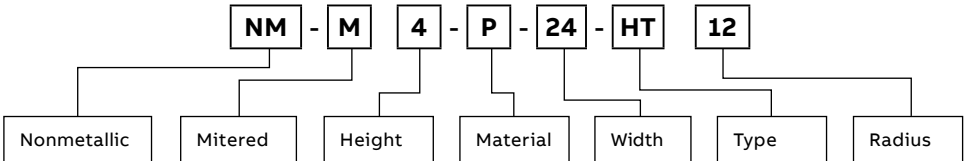
3" (76.2mm), 4" (101.6mm), 6" (152.4mm) & 8" (203.2mm) - Horizontal tee fittings

Horizontal tee

	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-HT12	30%	780	55½	1,410
	12	304.8	9	228.6	NM-M(*)-(Matl)-09-HT12	33%	850	55½	1,410
	12	304.8	12	304.8	NM-M(*)-(Matl)-12-HT12	36%	930	55½	1,410
	12	304.8	18	457.2	NM-M(*)-(Matl)-18-HT12	42%	1,080	64¾	1,640
	12	304.8	24	609.6	NM-M(*)-(Matl)-24-HT12	48%	1,240	74	1,880
	12	304.8	30	762	NM-M(*)-(Matl)-30-HT12	54%	1,390	74	1,880
	12	304.8	36	914.4	NM-M(*)-(Matl)-36-HT12	60%	1,540	83¾	2,110
	24	609.6	6	152.4	NM-M(*)-(Matl)-06-HT24	42%	1,080	74	1,880
	24	609.6	9	228.6	NM-M(*)-(Matl)-09-HT24	45%	1,160	83¾	2,110
	24	609.6	12	304.8	NM-M(*)-(Matl)-12-HT24	48%	1,240	83¾	2,110
	24	609.6	18	457.2	NM-M(*)-(Matl)-18-HT24	54%	1,390	92½	2,350
	24	609.6	24	609.6	NM-M(*)-(Matl)-24-HT24	60%	1,540	92½	2,350
	24	609.6	30	762	NM-M(*)-(Matl)-30-HT24	66%	1,690	101¾	2,580
	24	609.6	36	914.4	NM-M(*)-(Matl)-36-HT24	72%	1,840	111	2,820
	36	914.4	6	152.4	NM-M(*)-(Matl)-06-HT36	54%	1,390	101¾	2,580
	36	914.4	9	228.6	NM-M(*)-(Matl)-09-HT36	57%	1,460	101¾	2,580
	36	914.4	12	304.8	NM-M(*)-(Matl)-12-HT36	60%	1,540	111	2,820
	36	914.4	18	457.2	NM-M(*)-(Matl)-18-HT36	66%	1,690	111	2,820
	36	914.4	24	609.6	NM-M(*)-(Matl)-24-HT36	72%	1,840	120¾	3,050
	36	914.4	30	762	NM-M(*)-(Matl)-30-HT36	78%	2,000	129½	3,290
	36	914.4	36	914.4	NM-M(*)-(Matl)-36-HT36	84%	2,150	129½	3,290

(*) Side Rail Height. 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 9¾" 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) - Horizontal cross fittings

Horizontal cross

	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-HX12	54¾	1,390	55½	1,410
	12	304.8	9	228.6	NM-M(*)-(Matl)-09-HX12	57¾	1,470	55½	1,410
	12	304.8	12	304.8	NM-M(*)-(Matl)-12-HX12	60¾	1,540	55½	1,410
	12	304.8	18	457.2	NM-M(*)-(Matl)-18-HX12	66¾	1,700	64¾	1,640
	12	304.8	24	609.6	NM-M(*)-(Matl)-24-HX12	72¾	1,850	74	1,880
	12	304.8	30	762	NM-M(*)-(Matl)-30-HX12	78¾	2,000	74	1,880
	12	304.8	36	914.4	NM-M(*)-(Matl)-36-HX12	84¾	2,150	83¾	2,110
	24	609.6	6	152.4	NM-M(*)-(Matl)-06-HX24	78¾	2,000	74	1,880
	24	609.6	9	228.6	NM-M(*)-(Matl)-09-HX24	81¾	2,080	83¾	2,110
	24	609.6	12	304.8	NM-M(*)-(Matl)-12-HX24	84¾	2,150	83¾	2,110
	24	609.6	18	457.2	NM-M(*)-(Matl)-18-HX24	90¾	2,310	92½	2,350
	24	609.6	24	609.6	NM-M(*)-(Matl)-24-HX24	96¾	2,460	92½	2,350
	24	609.6	30	762	NM-M(*)-(Matl)-30-HX24	102¾	2,610	101¾	2,580
	24	609.6	36	914.4	NM-M(*)-(Matl)-36-HX24	108¾	2,760	111	2,820
	36	914.4	6	152.4	NM-M(*)-(Matl)-06-HX36	102¾	2,610	101¾	2,580
	36	914.4	9	228.6	NM-M(*)-(Matl)-09-HX36	105¾	2,690	101¾	2,580
	36	914.4	12	304.8	NM-M(*)-(Matl)-12-HX36	108¾	2,760	111	2,820
	36	914.4	18	457.2	NM-M(*)-(Matl)-18-HX36	115¾	2,914	111	2,820
	36	914.4	24	609.6	NM-M(*)-(Matl)-24-HX36	120¾	3,070	120¾	3,050
	36	914.4	30	762	NM-M(*)-(Matl)-30-HX36	126¾	3,220	129½	3,290
	36	914.4	36	914.4	NM-M(*)-(Matl)-36-HX36	132¾	3,370	129½	3,290

(*) Side Rail Height. Three 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 9¼" nominal (235mm). For other types of splice plates, see pages B38-B41.

Fitting number selection

