

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.

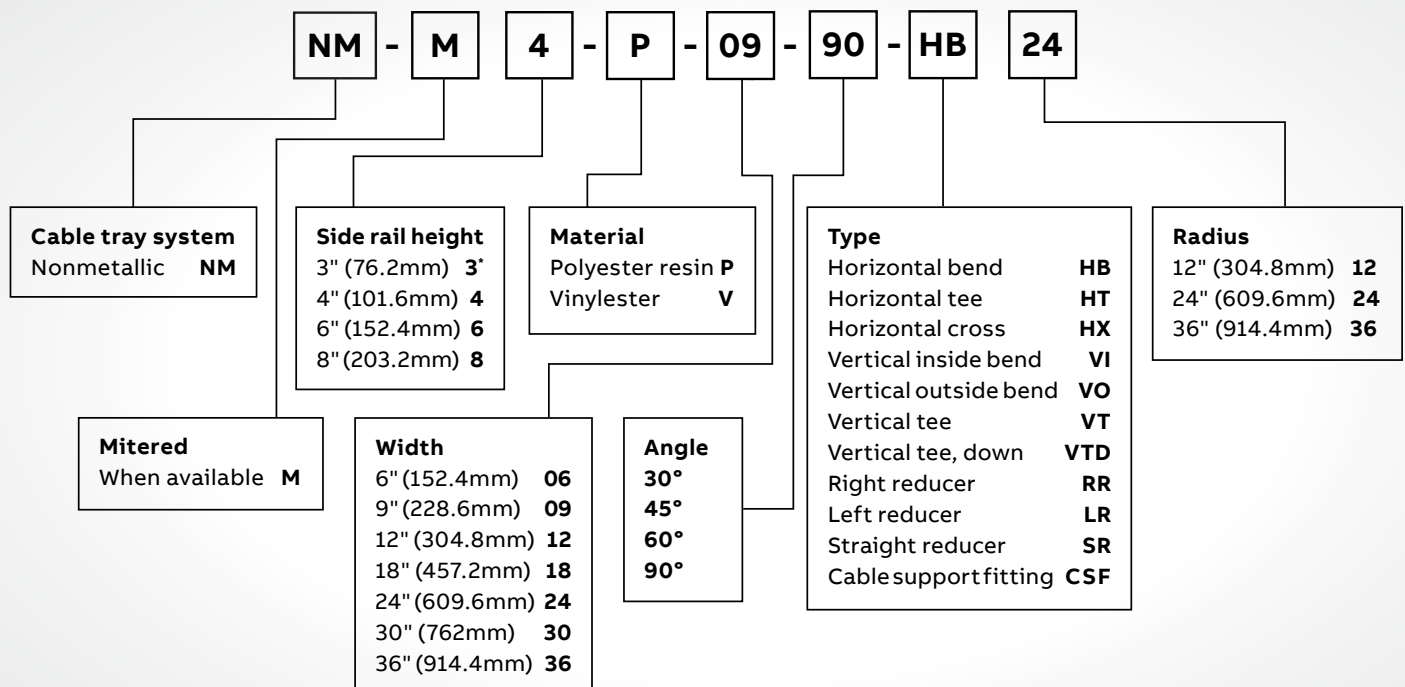
Example:

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 reducer fittings

Horizontal reducer - 4" (101.6mm)

Tray widths

W1		W2		Left-hand reducer	Dim.	Dim.
(in.)	(mm)	(in.)	(mm)			
9	228.6	6	152.4	NM-M(*)-(Matl)-09-LR06	27¾	705
12	304.8	6	152.4	NM-M(*)-(Matl)-12-LR06	37	940
12	304.8	9	228.6	NM-M(*)-(Matl)-12-LR09	27¾	705
18	457.2	6	152.4	NM-M(*)-(Matl)-18-LR06	37	940
18	457.2	9	228.6	NM-M(*)-(Matl)-18-LR09	37	940
18	457.2	12	304.8	NM-M(*)-(Matl)-18-LR12	27¾	705
24	609.6	6	152.4	NM-M(*)-(Matl)-24-LR06	46¼	1,175
24	609.6	9	228.6	NM-M(*)-(Matl)-24-LR09	37	940
24	609.6	12	304.8	NM-M(*)-(Matl)-24-LR12	37	940
24	609.6	18	457.2	NM-M(*)-(Matl)-24-LR18	27¾	705
30	762	6	152.4	NM-M(*)-(Matl)-30-LR06	46¼	1,175
30	762	9	228.6	NM-M(*)-(Matl)-30-LR09	46¼	1,175
30	762	12	304.8	NM-M(*)-(Matl)-30-LR12	37	940
30	762	18	457.2	NM-M(*)-(Matl)-30-LR18	37	940
30	762	24	152.4	NM-M(*)-(Matl)-30-LR24	27¾	705
36	914.4	6	152.4	NM-M(*)-(Matl)-36-LR06	55½	1,410
36	914.4	9	228.6	NM-M(*)-(Matl)-36-LR09	46¼	1,175
36	914.4	12	304.8	NM-M(*)-(Matl)-36-LR12	46¼	1,175
36	914.4	18	457.2	NM-M(*)-(Matl)-36-LR18	37	940
36	914.4	24	609.6	NM-M(*)-(Matl)-36-LR24	37	940
36	914.4	30	762	NM-M(*)-(Matl)-36-LR30	27¾	705

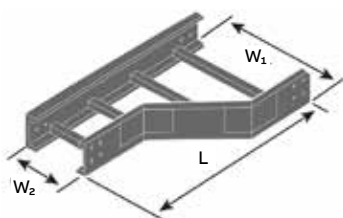
Straight reducer Cat. No.	Dim. A (in.)	Dim. L (mm)
NM-M(*)-(Matl)-09-SR06	26¾	670
NM-M(*)-(Matl)-12-SR06	26¾	679
NM-M(*)-(Matl)-12-SR09	26¾	670
NM-M(*)-(Matl)-18-SR06	34½	876
NM-M(*)-(Matl)-18-SR09	33	838
NM-M(*)-(Matl)-18-SR12	26¾	679
NM-M(*)-(Matl)-24-SR06	37½	953
NM-M(*)-(Matl)-24-SR09	36	914
NM-M(*)-(Matl)-24-SR12	36	914
NM-M(*)-(Matl)-24-SR18	26¾	679
NM-M(*)-(Matl)-30-SR06	40½	1,029
NM-M(*)-(Matl)-30-SR09	39	991
NM-M(*)-(Matl)-30-SR12	37½	953
NM-M(*)-(Matl)-30-SR18	35¾	908
NM-M(*)-(Matl)-30-SR24	26¾	679
NM-M(*)-(Matl)-36-SR06	43½	1,105
NM-M(*)-(Matl)-36-SR09	42	1,067
NM-M(*)-(Matl)-36-SR12	40½	1,029
NM-M(*)-(Matl)-36-SR18	37½	953
NM-M(*)-(Matl)-36-SR24	35¾	908
NM-M(*)-(Matl)-36-SR30	26¾	679

Right-hand reducer Cat. No.	Dim. A (in.)	Dim. L (mm)
NM-M(*)-(Matl)-09-RR06	27¾	705
NM-M(*)-(Matl)-12-RR06	37	940
NM-M(*)-(Matl)-12-RR09	27¾	705
NM-M(*)-(Matl)-18-RR06	37	940
NM-M(*)-(Matl)-18-RR09	37	940
NM-M(*)-(Matl)-18-RR12	27¾	705
NM-M(*)-(Matl)-24-RR06	46¼	1,175
NM-M(*)-(Matl)-24-RR09	37	940
NM-M(*)-(Matl)-24-RR12	37	940
NM-M(*)-(Matl)-24-RR18	27¾	705
NM-M(*)-(Matl)-24-RR06	46¼	1,175
NM-M(*)-(Matl)-24-RR09	46¼	1,175
NM-M(*)-(Matl)-24-RR12	37	940
NM-M(*)-(Matl)-24-RR18	37	940
NM-M(*)-(Matl)-18-RR24	27¾	705
NM-M(*)-(Matl)-36-RR06	55½	1,410
NM-M(*)-(Matl)-36-RR09	46¼	1,175
NM-M(*)-(Matl)-36-RR12	46¼	1,175
NM-M(*)-(Matl)-36-RR18	37	940
NM-M(*)-(Matl)-36-RR24	37	940
NM-M(*)-(Matl)-36-RR30	27¾	705

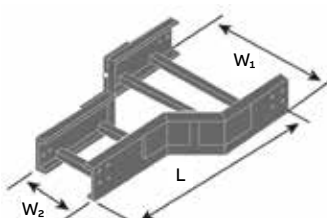
(*) Side Rail Height. One pair of fiberglass splice plates with SS6 hardware included. Dimensions for reference only; when critical, contact your ABB representative. Consult your ABB representative for availability of molded fittings. Standard rung spacing for fittings is 9¾" nominal (235mm). For other types of splice plates, see pages B38-B41.

Dimensions (4" & 6")

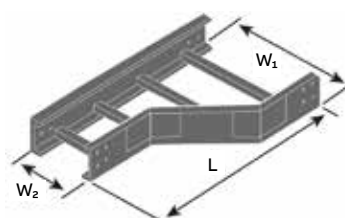
Left-hand reducer



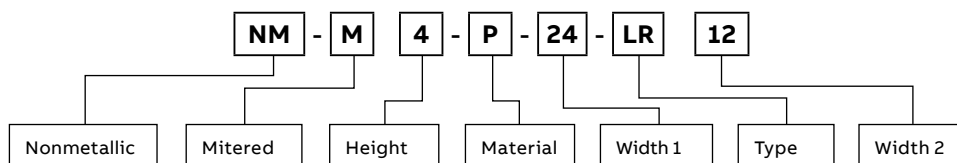
Straight reducer



Right hand reducer



Fitting number selection

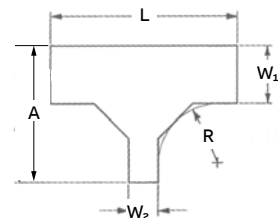


Nonmetallic - Cable tray fittings

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

Horizontal reducing tee – 12" (304.8mm) radius

Tray width (W1)		Tray width (W2)		Cat. No.	12" (304.8mm) Radius			
(in.)	(mm)	(in.)	(mm)		A (in.)	A (mm)	L (in.)	L (mm)
9	228.6	6	152.4	NM-M(*)-(Matl)-06-06-HT12	30%	777.87	55½	1,409.7
12	304.8	6	152.4	NM-M(*)-(Matl)-09-06-HT12	33%	854.07	55½	1,409.7
12	304.8	9	228.6	NM-M(*)-(Matl)-09-09-HT12	33%	854.07	55½	1,409.7
18	457.2	6	152.4	NM-M(*)-(Matl)-12-06-HT12	36%	930.27	55½	1,409.7
18	457.2	9	228.6	NM-M(*)-(Matl)-12-09-HT12	36%	930.27	55½	1,409.7
18	457.2	12	304.8	NM-M(*)-(Matl)-12-12-HT12	36%	930.27	55½	1,409.7



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

Horizontal reducing tee – 24" (609.6mm) & 36" (914.4mm) radius

Tray width (W1)		Tray width (W2)		Cat. No.	24" (609.6mm) Radius				36" (914.4mm) Radius			
(in.)	(mm)	(in.)	(mm)		(**) Insert radius 24" or 36"							
					A (in.)	A (mm)	L (in.)	L (mm)	A (in.)	A (mm)	L (in.)	L (mm)
9	228.6	6	152.4	NM-M(*)-(Matl)-06-06-HT(**)	42%	1,082.55	74	1,879.6	54%	1,387.35	101¾	2,584.45
12	304.8	6	152.4	NM-M(*)-(Matl)-09-06-HT(**)	45%	1,158.87	74	1,879.6	57%	1,463.55	101¾	2,584.45
12	304.8	9	228.6	NM-M(*)-(Matl)-09-09-HT(**)	45%	1,158.87	83¾	2,114.55	57%	1,463.55	101¾	2,584.45
18	457.2	6	152.4	NM-M(*)-(Matl)-12-06-HT(**)	48%	1,235.07	74	1,879.6	60%	1,540.00	101¾	2,584.45
18	457.2	9	228.6	NM-M(*)-(Matl)-12-09-HT(**)	48%	1,235.07	83¾	2,114.55	60%	1,540.00	101¾	2,584.45
18	457.2	12	304.8	NM-M(*)-(Matl)-12-12-HT(**)	48%	1,235.07	83¾	2,114.55	60%	1,540.00	111	2,819.4

(*) Side Rail Height. (**) NOTE: Insert radius, 24" (609.6mm) or 36" (914.4mm). 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 9¼" nominal (235mm). For other types of splice plates, see pages B38-B41.

Sample mitered fitting



Fitting number selection

