

BRACKETS AND TRACK REQUIRED FOR EACH TRACK KIT

PLEASE SEE THE TRACK KITS ON THE INSTRUCTION SHEETS

TRACK KIT 1

With any rectangular room you first measure the length of one wall.

Subtract the distance the curve will come out from each corner which will depend on the Radius of curves used:

Radius 1: 405mm Radius 2: 472mm Radius 3: 539mm (please see our video Track Specifications if unsure)

Example a wall length of 3400mm using Radius 3 curves at each corner would be $3400 - 539 - 539 = 2322\text{mm}$

Using long track lengths and so less track connection $2322 / 167.5 = 13.86$. Which is 13 track lengths plus a cut track, which you only measure and cut once all the other track is fitted within the room.

With RTR01 the wall brackets you will need $13 + 2$ (one for each curve end) = 15 RTR01 and simply repeat this for each wall to give you the total number of RTR01 required along with straight track required. You will also require 8 ARC45 curves also known as Double Curves for the four corners of the room.

With corner wall brackets; you need X4 RTR11. Plus X8 ARC22.5 brackets which will depend on which Radius Curves you use (Radius 1 use RTR20, Radius 2 use RTR07 and Radius 3 use RTR21)

Example costing for **brackets** to suspend track off the wall around a 3 by 4 Metre rectangle room using Radius 3 curves at each corner would be; £102.48 and with discount £92.23 + £5.25 for Delivery

If you would like to suspend the curves off the ceiling then this can be done on any corner by replacing RTR11 with a Ceiling Support Arch RTR04-05-06 and the two ARC22.5 Brackets with Ceiling Cord Arches RTR08-09-10

TRACK KIT 2 and 3

As seen in the Instruction Videos

For each return loop (of which there are two):

X8 RTR01 X2 RTR07 with Radius 2 OR X8 RTR01 X2 RTR21 for Radius 3

X7 RTR04-05-06 Ceiling Support Arch X6 RTR08-09-10 Ceiling Cord Arch

Cost of **brackets** for Track Kit 2 without additional straights using Radius 3 curves would be; £142.50 with discount £128.25 + £5.25 Delivery

If you want to extend the circuit and run the pair of tracks along the wall you will need X2 RTR01 for each track length.

TRACK REQUIRED

The curves supported from the ceiling on the return loops can only be Radius 2 or Radius 3 (Radius 1 the gradient is too steep and Radius 4 the ARC22.5 supports are too far apart)

Each return loop has X8 ARC45 Radius 2 and straight of 5 track lengths plus a Short Track Length Hornby 38mm Peco 41mm

OR X8 ARC45 Radius 3 and straight of 6 track lengths.

Track Kit 3 and putting the two ARC45 curves into the corner of the room.

Additional brackets are: X2 RTR11 and X4 RTR07 for Radius 2 OR X2 RTR11 and X4 RTR21 for Radius 3

Alternatively the pair of curves in the corner of the room can be suspended off the ceiling using X1 RTR04-05-06 X2 RTR08-09-10 and X3 RTR15

Total cost of **brackets** for Track Kit 3 with no additional straights using Radius 3 curves and not suspending corner curves from ceiling but using wall brackets would be £156.30 with discount £140.67 + £5.25 Delivery.

TRACK REQUIRED

Additional curves for Track Kit 3 are X4 Arc45 Curves (they must all have the same radius)

TRACK KIT 4

SUSPENDED FROM THE CEILING (see page 19 in the instructions)

X2 RTR01 X2 RTR07 for Radius 2 Curves OR X2 RTR01 X2 RTR21 for Radius 3

X8 RTR04-05-06 Ceiling Support Arch X6 RTR08-09-10 Ceiling Cord Arch

Total cost of **brackets** using Radius 3 curves £72.00 with discount £64.80 + £5.25 Delivery

FITTED INTO THE CORNER OF THE ROOM (see video instructions)

X3 RTR01 X6 RTR04-05-06 Ceiling Support Arch X4 RTR08-09-10 Ceiling Cord Arch and X1 RTR11

With: X4 RTR07 for Radius 2 Curves **OR** X4 RTR21 for Radius 3 Curves

Total cost of **brackets** using Radius 3 curves £62.03 with discount £55.83 Plus £5.25 Delivery

TRACK REQUIRED

Basic Oval or Starter Train Set.

X8 ARC45 Curves X2 Standard Straights (one being a Power Track)

Radius 2 or Radius 3 curves only Radius 1 the train might hit the Ceiling Support Arch and Radius 4 the ARC22.5 spacing is too far apart.

TRACK KIT 5 and 6

As seen in the Instruction Videos

Each return Loop (of which there are two)

X1 RTR21 for Radius 3/2 OR X1 RTR07 for Radius 2/1

X6 RTR01 for Radius 3/2 OR X5 RTR01 for Radius 2/1

X7 RTR 04-05-06 Ceiling Support Arch X7 RTR08-09-10 Ceiling Cord Arch

Also need X1 RTR14 and X1 RTR14 at each track length if you want to run the pair of tracks along the wall to extend the circuit.

Total cost of **brackets** for Track Kit 5 using Radius 3/2 curves with no additional straights is £146.52 with discount £131.87 + £5.25 Delivery.

Additional brackets for Track Kit 6 fitting the pair of curves into the corner of the room.

X1 RTR22 X2 RTR23 X1 RTR14

Total cost of **brackets** for Track Kit 6 using Radius 3/2 curves and no additional straights is £158.50 with discount £142.65 + £5.25 Delivery.

TRACK REQUIRED

Total track required for Track Kit 5:

Either X12 ARC45 Radius 3 and X4 ARC45 Radius 2 with straight of 10 track lengths plus X2 tracks 105mm long

OR X12 ARC45 Radius 2 and X4 ARC45 Radius 1 with straight of 8 track lengths plus X2 tracks 139mm long

Additional track for Track Kit 6

X2 ARC45 Radius 3 Curves X2 ARC45 Radius 2 Curves

OR X2 ARC45 Radius 2 Curves X2 ARC45 Radius 1 Curves.

Radius 4 cannot be used as the ARC22.5 spacing are too far apart.