

## Wire Artery



**CATALOGUE**

# Perfect Partner for your Wires & Cables

Established in 1963, Anchor Electricals Pvt. Ltd. operates as a wholly owned subsidiary of Panasonic Corporation, Japan, since 2007. It is a vital member of Panasonic Eco Solutions Company and one of the fastest growing Panasonic Corporation Companies in India, with the core business of manufacturing & marketing electrical construction materials.

Anchor is a leading manufacturer of electrical products for domestic and commercial use. Its merger with Panasonic has brought in tremendous synergy in Production, Distribution and Sales, with its biggest strengths being well-developed sales channels, thorough understanding of the Indian electrical market and skilled workforce in all the domains.

Anchor's production aligns with the requirements of ISO 9001: 2008 and has 8 facilities spread through the four regions of Daman, Gujarat, Haridwar and Roorkee industrial areas. With a dominant market presence in switches and accessories business, residential wires and cables, it is eyeing new opportunities to scale up its lighting, switchgear and indoor air quality business that comprises of ceiling, ventilation fans and other air moving equipments.

Aligned with aggressive expansion plans for all verticals, the company's key objective is to make manufacture innovative, eco-friendly energy-saving world-class products making user's lives simpler, safer and comfortable. The new product line-up of Anchor Conduit is one such extension to our robust product portfolio.

**Anchor Rigid PVC Conduits and Accessories** are manufactured from a specially formulated unplasticised polyvinyl chloride (UPVC) to meet stringent Indian standards. Our products are made of Extra Super High Impact materials which make them safe to be used in harsh environments. The products are manufactured in accordance with IS:9537 (Part III) for PVC conduits and IS: 3419 for junction boxes.



## Applications

- Channelising concealed and surface wiring.
- Telecommunication and cable ducting.

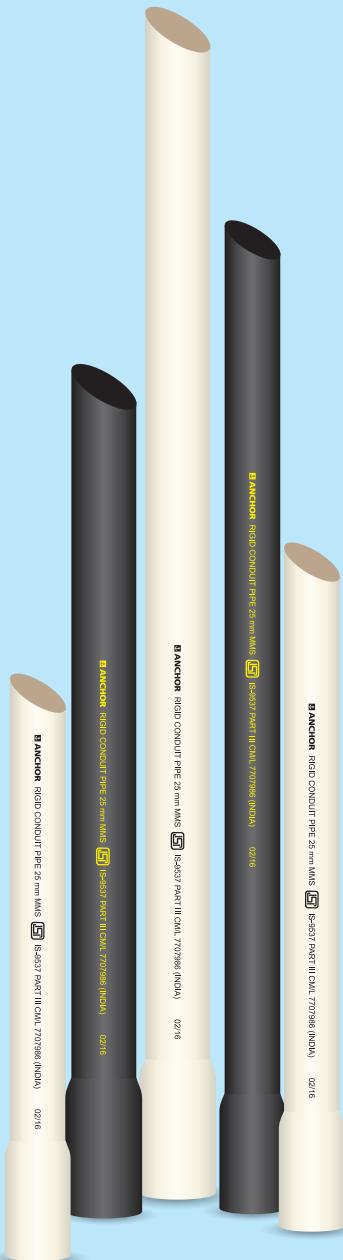
## Dimensions of Round Conduits [as per IS:9537 (Part III)]

Nominal Size mm	Outside Diameter mm	Tolerance on Outside Diameter mm	Inside Diameter (Min) mm		
			Light	Medium	Heavy
20	20	-0.3	17.4	16.9	15.8
25	25	-0.4	22.1	21.4	20.6
32	32	-0.4	28.6	27.8	26.6
40	40	-0.4	35.8	35.4	34.4
50	50	-0.5	45.1	44.3	43.2

## RIGID PVC CONDUITS (ROUND)

(HSN: 39172310)

IS:9537  PART III



Product Code		Size OD (mm)
Ivory	Black	
<b>LMS (LIGHT MECHANICAL STRESS)</b>		
CP19SLIV	CP19SLBL	19*
CP20SLIV	CP20SLBL	20
CP25SLIV	CP25SLBL	25
CP32SLIV	CP32SLBL	32
CP40SLIV	-	40
CP50SLIV	-	50
<b>MMS (MEDIUM MECHANICAL STRESS)</b>		
CP19SMIV	CP19SMBL	19*
CP20SMIV	CP20SMBL	20
CP25SMIV	CP25SMBL	25
CP32SMIV	CP32SMBL	32
CP40SMIV	-	40
CP50SMIV	-	50
<b>HMS (HEAVY MECHANICAL STRESS)</b>		
CP19SHIV	CP19SHBL	19*
CP20SHIV	CP20SHBL	20
CP25SHIV	CP25SHBL	25
CP32SHIV	CP32SHBL	32
CP40SHIV	-	40
CP50SHIV	-	50

Product Code		Size OD (mm)
Ivory	Black	
<b>LMS (LIGHT MECHANICAL STRESS)</b>		
CP20SNLIV	-	20
CP25SNLIV	-	25
<b>MMS (MEDIUM MECHANICAL STRESS)</b>		
CP20SNMIV	-	20
CP25SNMIV	-	25
<b>HMS (HEAVY MECHANICAL STRESS)</b>		
CP20SNHIV	-	20
CP25SNHIV	-	25

Conduit Colour	Packaging	Marking Colour
Black	LMS	MMS
Ivory	HMS	

- \*Special size not available with ISI marking.
- Conduits are available in Grey color on MTO basis for FTL requirements Only.
- Special packaging of 40N for 20 mm and 25N for 25mm is available on separate item code for Delhi & NCR, Jammu & Kashmir, UP & Punjab.
- Minimum length of conduit pipe per piece = 3mtrs \*
- To be stored in neat & dry indoor place. Prevent the exposure to dust, moisture & sunlight.

## CIRCULAR BOXES WITH LID - SURFACE (HSN: 39174000)

IS:3419 

### CIRCULAR SURFACE BOXES WITH LID



TERMINAL (1 WAY)



ANGLE (2 WAY)



THROUGH (2 WAY)



TEE (3 WAY)



INTERSECTION (4 WAY)

	Product Code	Size OD (mm)	
	Ivory	Black	
<b>TERMINAL (1 WAY)</b>			
	CA20CBLS1IV	CA20CBLS1BL	20
	CA25CBLS1IV	CA25CBLS1BL	25
<b>ANGLE (2 WAY)</b>			
	CA20CBLS2AIV	CA20CBLS2ABL	20
	CA25CBLS2AIV	CA25CBLS2ABL	25
<b>THROUGH (2 WAY)</b>			
	CA20CBLS2TIV	CA20CBLS2TBL	20
	CA25CBLS2TIV	CA25CBLS2TBL	25
<b>TEE (3 WAY)</b>			
	CA20CBLS3IV	CA20CBLS3BL	20
	CA25CBLS3IV	CA25CBLS3BL	25
<b>INTERSECTION (4 WAY)</b>			
	CA20CBLS4IV	CA20CBLS4BL	20
	CA25CBLS4IV	CA25CBLS4BL	25



### CIRCULAR SURFACE BOXES WITH LID



TERMINAL (1 WAY)



THROUGH (2 WAY)

	Product Code	Size OD (mm)	
	Ivory	Black	
<b>TERMINAL (1 WAY)</b>			
	CA20CBLNS1IV	-	20
	CA25CBLNS1IV	-	25
<b>THROUGH (2 WAY)</b>			
	CA20CBLNS2TIV	-	20
	CA25CBLNS2TIV	-	25
<b>TEE (3 WAY)</b>			
	CA20CBLNS3IV	-	20
	CA25CBLNS3IV	-	25
<b>INTERSECTION (4 WAY)</b>			
	CA20CBLNS4IV	-	20
	CA25CBLNS4IV	-	25

## CIRCULAR JUNCTION BOXES WITH LID (HSN: 39174000)

IS:3419

### CIRCULAR DEEP BOXES WITH LID



### CIRCULAR DEEP BOXES WITH LID



	Product Code	Size OD (mm)
	Ivory	Black
<b>TERMINAL (1 WAY)</b>		
CA20CBLD1IV	CA20CBLD1BL	20
CA25CBLD1IV	CA25CBLD1BL	25
CA32CBLD1IV	-	32*
<b>ANGLE (2 WAY)</b>		
CA20CBLD2AIV	CA20CBLD2ABL	20
CA25CBLD2AIV	CA25CBLD2ABL	25
CA32CBLD2AIV	-	32*
<b>THROUGH (2 WAY)</b>		
CA20CBLD2TIV	CA20CBLD2TBL	20
CA25CBLD2TIV	CA25CBLD2TBL	25
CA32CBLD2TIV	-	32*
<b>TEE (3 WAY)</b>		
CA20CBLD3IV	CA20CBLD3BL	20
CA25CBLD3IV	CA25CBLD3BL	25
CA32CBLD3IV	-	32*
<b>INTERSECTION (4 WAY)</b>		
CA20CBLD4IV	CA20CBLD4BL	20
CA25CBLD4IV	CA25CBLD4BL	25
CA32CBLD4IV	-	32*

\*Special size not available with ISI marking.

	Product Code	Size OD (mm)
	Ivory	Black
<b>TERMINAL (1 WAY)</b>		
CA25CBLND1IV	-	25
<b>THROUGH (2 WAY)</b>		
CA20CBLND2TIV	-	20
CA25CBLND2TIV	-	25
<b>TEE (3 WAY)</b>		
CA25CBLND3IV	-	25
<b>INTERSECTION (4 WAY)</b>		
CA20CBLND4IV	-	20
CA25CBLND4IV	-	25

## CONDUIT ACCESSORIES (HSN: 39174000)



COUPLER (MODULDED)



COUPLER (EXTRUDED)



TEE



ELBOW



SPACE BAR SADDLE



SLIP TYPE BEND

	Ivory	Black	Size OD (mm)
<b>COUPLER (MOULDED)</b>			
CA20CPLIV	CA20CPLBL	20	
CA25CPLIV	CA25CPLBL	25	
CA32CPLIV	-	32	
CA40CPLIV	-	40	
CA50CPLIV	-	50	
<b>COUPLER (EXTRUDED)</b>			
CA19CPLIV	-	19	
CA20CPLMIV	-	20	
CA25CPLMIV	-	25	
<b>TEE</b>			
CA20TEEIV	CA20TEEBL	20	
CA25TEEIV	CA25TEEBL	25	
<b>ELBOW</b>			
CA20EBWIV	CA20EBWBL	20	
CA25EBWIV	CA25EBWBL	25	
<b>SPACE BAR SADDLE</b>			
CA20SBSIV	CA20SBSBL	20	
CA25SBSIV	CA25SBSBL	25	
CA32SBSIV	-	32	
<b>SLIP TYPE BEND NORMAL</b>			
CA19SLBIV	-	19	
CA20SLBIV	CA20SLBBL	20	
CA25SLBIV	CA25SLBBL	25	
CA25SLBL9IV	-	25	
CA32SLBIV	CA32SLBBL	32	
CA40SLBIV	-	40	
CA50SLBIV	-	50	
<b>SLIP TYPE BEND LONG</b>			
CA20SLBLIV	-	20	
CA25SLBLIV	-	25	
<b>SLIP TYPE BEND HEAVY</b>			
CA20SLBHIV	CA20SLBHL	20	
CA25SLBHIV	CA25SLBHL	25	

## CONDUIT ACCESSORIES (HSN: 39174000)



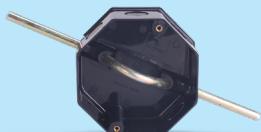
ROUND PLATE



LED BOX



FAN BOX WITH ROD



FAN BOX WITH ROD OCTAGONAL

Product Code	Colour	Size OD (mm)
<b>ROUND PLATE</b>		
CA4RPWH	White	108
CA5RPWH	White	127
<b>LED BOX</b>		
CALB25BL	Black	25
<b>FAN BOX WITH ROD (HSN: 85369030)</b>		
CAFBRIV	Ivory	20/25
CAFBR25IV	Ivory	25
<b>FAN BOX WITH ROD OCTAGONAL (HSN: 85369030)</b>		
CAFBOR20ABL	Black	20
CAFBOR20BBL	Black	20
CAFBOR20CBL	Black	20
CAFBOR25ABL	Black	25
CAFBOR25BBL	Black	25
CAFBOR25CBL	Black	25

## PLASTIC SURFACE BOXES (HSN: 85389000)

- Rigid & Strong design with better mechanical strength
- Ribs on lid to avoid warpage of the box after installation
- Suitable for MCB installation
- Cutouts available for Conduits & Casing
- Enhanced aesthetics
- Brass insert for screw fixing
- Suitable for non-modular accessories

### PLASTIC SURFACE BOXES - PRE-CUT

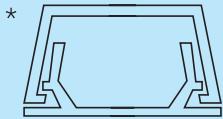


### PLASTIC SURFACE BOXES - PLAIN



Product Code	Description	Size W x H (mm)	Product Code	Description	Size W x H (mm)
White	White	White	White	White	White
PB0404BW	1 Way	100 x 100	PB0404AW	Plain	100 x 100
PB0404CW	2 Way	100 x 100	PB0407AW	Plain	100 x 175
PB0404DW	3 Way	100 x 100	PB0608AW	Plain	150 x 200
PB0407BW	4 Way	100 x 175	PB0810AW	Plain	200 x 250
PB0608BW	8 Way	150 x 200	PB1012AW	Plain	250 x 300
PB0810BW	9 Way DP	200 x 250			
PB1012BW	12 Way DP	250 x 300			

## PVC TRUNKING (HSN: 39162019)



Product Code		Size OD (mm)
Ivory	Black	

### PVC TRUNKING - CURVED

* TR2012CIV	-	20 x 12
# TR2512CIV	-	25 x 12
# TR3212CIV	-	32 x 12

### PVC TRUNKING - Box

o TR3015BIV	-	30 X 15
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- Minimum length of PVC Trunking per piece = 2mtrs \*

**NEW ARRIVAL**

## PVC TRUNKING ACCESSORIES (HSN: 39162019)



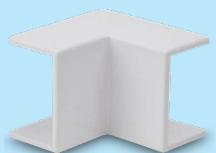
COUPLER



ELBOW



TEE



INTERNAL ANGLE



EXTERNAL ANGLE



SQUARE BOX

Product Code		Size OD (mm)
Ivory	Black	

### COUPLER

TA32CCPLIV	-	32 x 12
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### ELBOW

TA32CEBWIV	-	32 x 12
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### PLUS (4 WAY)

TA32C4WAIV	-	32 x 12
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### TEE

TA32CTEEIV	-	32 x 12
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### INTERNAL ANGLE

TA32CINTIV	-	32 x 12
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### EXTERNAL ANGLE

TA32CEXTIV	-	32 x 12
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### SQUARE BOX

TA32CSQBIV	-	32 x 12
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## CONCEALED GALVANISED METAL BOXES (HSN: 85389000)



- GI Boxes with 120 GSM Zinc Coating • Manufactured from GI Sheet having 250 Hrs protection against Red rust
- Good quality threads • Earthing terminal to avoid shock • Suitable for modular accessories

Product Code	Module	Size L x W x D (cm)
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### NOA CONCEALED GI SHEET METAL BOXES

**NEW ARRIVAL**

35451	1 or 2 Module	7.9x7.5x4.6
35453	3 Module	7.9x9.9x4.6
35455	4 Module	7.9x13.5x5.2
35459	6 Module	7.9x20.7x5.2
35461	8 or 9 Module H	7.9x23.0x5.2

### CONCEALED GI SHEET METAL BOXES

21780	1 or 2 Module	7.9x7.5x4.6
21452	3 Module	7.9x9.9x4.6
21791	4 Module	7.9x13.5x5.2
21463	6 Module	7.9x20.7x5.2
30453	8 or 9 Module H	7.9x23.0x5.2
21474	8 Module V	13.2x13.5x5.6
21485	12 Module	13.2x20.7x5.6
21736	16 Module	14.2x23.0x5.6
21758	18 Module	20.7x20.7x6.0

Product Code	Module	Size L x W x D (cm)
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### CONCEALED GI SHEET METAL BOXES - 1.2 mm Thickness

35640	1 or 2 Module	7.9x7.5x4.6
35650	3 Module	7.9x9.9x4.6
35661	4 Module	7.9x13.5x5.2
35672	6 Module	7.9x20.7x5.2
35683	8 or 9 Module H	7.9x23.0x5.2
35394	8 Module V	13.2x13.5x5.6
35708	12 Module	13.2x20.7x5.6
35719	16 Module	14.2x23.0x5.6
35720	18 Module	20.7x20.7x6.0

### STAINLESS STEEL METAL BOXES

36001	1 or 2 Module	7.9x7.5x4.6
36002	3 Module	7.9x9.9x4.6
36003	4 Module	7.9x13.5x5.2
36004	6 Module	7.9x20.7x5.2
36006	8 or 9 Module H	7.9x23.0x5.2
36005	8 Module V	13.2x13.5x5.6
36007	12 Module	13.2x20.7x5.6
36008	16 Module	14.2x23.0x5.6
36009	18 Module	20.7x20.7x6.0

\* S.S. box also available on request



## TECHNICAL FEATURES & BENEFITS:

### General Features

(a) Raw Material	PVC - K-67 for Conduits & K-57 for accessories
(b) Installation	Smooth finish from inside makes wire pulling easy
(c) Resistance to corrosion	Corrosion free material

### Electrical Characteristics (As per IS 9537 Part III & IS 3419)

(a) Electric Strength	No breakdown observed at 2000V
(b) Insulation Resistance	Min 1000 MΩ

### Mechanical Strength (As per IS 9537 Part III)

(a) Impact Resistance	No cracks visible
(b) Compression Resistance	Retains the original shape on the removal of the force
(c) Bending Strength	No cracks visible at 180° bending

### Thermal Strength (As per IS 9537 Part III & IS 3419)

(a) Thermal Resistance	-5°C to + 60°C
(b) Resistance to Burning	Flame retardant (Flame die out within 30 Sec)

### Environmental Strength (As per IS 3419)

(a) Resistance to Acid Solution	No deterioration
(b) Resistance to Alkaline Solution	No deterioration
(c) Resistance to Oil	No deterioration

### General Terms & Conditions

- 1) Prices are in INR (₹).
- 2) All prices are subject to the general terms and conditions of our business.
- 3) Prices are subject to change without prior notice.
- 4) This price list supersedes all our previous price lists.
- 5) If any dispute should arise it will be subject to Thane jurisdiction.
- 6) Company reserves the right to issue amendments which may arise due to any errors in the price list.
- 7) The image that appears in the price list may differ from the actual product.

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### PANASONIC LIFE SOLUTIONS INDIA PVT. LTD.

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