

## Havells Flexible Industrial Cables - Flame Retardant - 0412K



Flame Retardant  
FR PVC Insulated Industrial Cables

## Price List

w.e.f. 27th April., 2012

Prices are in Indian Rupees  
as per Havells Regular Terms & Conditions

Havells PVC Insulated Heavy Duty Industrial Cables

Single Core copper conductor (Flexible)

Life Line PVC insulated industrial Cables (Unsheathed), 1100 Volts to IS: 694

IS:694



Havells Single Core Copper Conductor (Flexible)

PVC Insulated Industrial Cables

(Unsheathed), 1100 Volts to IS:694

IS:694



| Nominal area of conductor sq. mm | Life Line FR PVC | List Price per 90 mtrs. | Std. Pkg of Coil in master Carton | FR PVC in project packing |                          |
|----------------------------------|------------------|-------------------------|-----------------------------------|---------------------------|--------------------------|
|                                  | Basic Code       |                         |                                   | Basic Code                | List Price per 180 mtrs. |
| 0.5                              | WHFFDN...A1X50   | 685                     | 20                                | WHFFDN...L1X50            | 1,370                    |
| 0.75                             | WHFFDN...A1X75   | 950                     | 20                                | WHFFDN...L1X75            | 1,900                    |
| 1.0                              | WHFFDN...A11X0   | 1,275                   | 20                                | WHFFDN...L11X0            | 2,550                    |
| 1.5                              | WHFFDN...A11X5   | 1,890                   | 16                                | WHFFDN...L11X5            | 3,780                    |
| 2.5                              | WHFFDN...A12X5   | 3,030                   | 12                                | WHFFDN...L12X5            | 6,060                    |
| 4.0                              | WHFFDN...A14X0   | 4,465                   | 4                                 | WHFFDN...L14X0            | 8,930                    |
| 6.0                              | WHFFDN...A16X0   | 6,725                   | 4                                 | WHFFDN...L16X0            | 13,450                   |

| Nominal area of conductor sq. mm | Basic Code     | List Price per 100 mtrs. |
|----------------------------------|----------------|--------------------------|
| 10                               | WHFFDN...B1010 | 13,245                   |
| 16                               | WHFFDN...B1016 | 20,925                   |
| 25                               | WHFFDN...B1025 | 32,520                   |
| 35                               | WHFFDN...B1035 | 44,835                   |
| 50                               | WHFFDN...B1050 | 64,495                   |
| 70                               | WHFFDN...B1070 | 91,620                   |
| 95                               | WHFFDN...B1095 | 1,20,890                 |
| 120                              | WHFFDN...B1120 | 1,54,550                 |
| 150                              | WHFFDN...B1150 | 1,93,765                 |
| 185                              | WHFFDN...B1185 | 2,36,255                 |
| 240                              | WHFFDN...B1240 | 3,42,650                 |
| 300                              | WHFFDN...B1300 | 4,56,580                 |
| 400                              | WHFFDN...B1400 | 6,06,095                 |

...Fill the colour code i.e. B = Blue B.

Standard Packing - 90 mtrs. in carton

Project packing - 180 mtrs. poly wrapped

• Colours available - single core PVC - Red, Yellow, Blue, Black & Green.

...Fill the colour code i.e. B = Blue B.

Standard Packing - 100 mtrs. coils.

• Colours available - single core PVC - Red, Yellow, Blue, Green & Black.



Flame Retardant Low Smoke & Halogen  
FR-LSH PVC Insulated Industrial Cables

Havells Single Core copper conductor (Flexible) Industrial Cables

Life Guard compound insulated (Unsheathed), 1100 Volts to IS: 694

IS:694



| Nominal area of conductor sq. mm | Life Guard FR-LSH Basic Code | List Price per 90 mtrs. | Std. Pkg of Coil in master Carton | Life Guard FR-LSH in project packing Basic Code | List Price per 180 mtrs. |
|----------------------------------|------------------------------|-------------------------|-----------------------------------|---|--------------------------|
| 1.0                              | WHFFFN...A11X0               | 1,390                   | 20                                | WHFFFN...L11X0                                  | 2,780                    |
| 1.5                              | WHFFFN...A11X5               | 2,075                   | 16                                | WHFFFN...L11X5                                  | 4,150                    |
| 2.5                              | WHFFFN...A12X5               | 3,340                   | 12                                | WHFFFN...L12X5                                  | 6,680                    |
| 4.0                              | WHFFFN...A14X0               | 4,925                   | 4                                 | WHFFFN...L14X0                                  | 9,850                    |
| 6.0                              | WHFFFN...A16X0               | 7,405                   | 4                                 | WHFFFN...L16X0                                  | 14,810                   |

...Fill the colour code i.e. B = Blue B.

Standard Packing - For FR-LSH - 90 mtrs. in carton

Project packing - 180 mtrs. coils poly wrapped

• Colours available - FR-LSH - Red, Yellow, Blue, Black & Green.



Zero Halogen Flame Retardant  
ZHFR Insulated Industrial Cables

Havells Single Core copper conductor (Flexible) Industrial Cables

Life Shield compound insulated (Unsheathed), 1100 Volts Generally confirming to IS: 694

| Nominal area of conductor sq. mm | Life Shield ZHFR Basic Code | List Price per 90 mtrs. | Std. Pkg. of Coil in master Carton | Life Shield ZHFR in project packing Basic Code | List Price per 180 mtrs. |
|----------------------------------|-----------------------------|-------------------------|------------------------------------|--|--------------------------|
| 1.0                              | WHFFZN...A11X0              | 1,530                   | 20                                 | WHFFZN...L11X0                                 | 3,060                    |
| 1.5                              | WHFFZN...A11X5              | 2,275                   | 16                                 | WHFFZN...L11X5                                 | 4,550                    |
| 2.5                              | WHFFZN...A12X5              | 3,640                   | 12                                 | WHFFZN...L12X5                                 | 7,280                    |
| 4.0                              | WHFFZN...A14X0              | 5,360                   | 4                                  | WHFFZN...L14X0                                 | 10,720                   |
| 6.0                              | WHFFZN...A16X0              | 8,080                   | 4                                  | WHFFZN...L16X0                                 | 16,160                   |

...Fill the colour code i.e. B = Blue B.

Standard Packing - For ZHFR - 90 mtrs. in carton, Project packing - 180 mtrs. coils poly wrapped

• Colours available - ZHFR - Red, Yellow, Blue, Black & Green.

## Multi Core Round

Havells PVC Insulated Copper Conductor (Flexible), industrial cables

PVC Sheathed Cables, 1100 volts to IS: 694

IS:694



| Nominal area of conductor sq. mm | Basic Code   | List Price 2 Core per 100 mtrs. | Basic Code   | List Price 3 Core per 100 mtrs. | Basic Code   | List Price 4 Core per 100 mtrs. |
|----------------------------------|--------------|---------------------------------|--------------|---------------------------------|--------------|---------------------------------|
| 0.50                             | WHMFDSKB2X50 | 3,355                           | WHMFDSKB3X50 | 3,995                           | WHMFDSKB4X50 | 4,940                           |
| 0.75                             | WHMFDSKB2X75 | 4,075                           | WHMFDSKB3X75 | 5,175                           | WHMFDSKB4X75 | 6,415                           |
| 1.00                             | WHMFDSKB21X0 | 4,765                           | WHMFDSKB31X0 | 6,280                           | WHMFDSKB41X0 | 8,040                           |
| 1.50                             | WHMFDSKB21X5 | 6,180                           | WHMFDSKB31X5 | 8,270                           | WHMFDSKB41X5 | 10,895                          |
| 2.50                             | WHMFDSKB22X5 | 9,485                           | WHMFDSKB32X5 | 13,070                          | WHMFDSKB42X5 | 17,120                          |
| 4.00                             | WHMFDSKB24X0 | 14,700                          | WHMFDSKB34X0 | 20,205                          | WHMFDSKB44X0 | 26,500                          |
| 6.00                             | WHMFDSKB26X0 | 22,590                          | WHMFDSKB36X0 | 30,065                          | WHMFDSKB46X0 | 39,215                          |
| 10.00                            | WHMFDSKB2010 | 36,475                          | WHMFDSKB3010 | 48,960                          | WHMFDSKB4010 | 62,510                          |
| 16.00                            | WHMFDSKB2016 | 57,045                          | WHMFDSKB3016 | 76,355                          | WHMFDSKB4016 | 97,925                          |
| 25.00                            | WHMFDSKB2025 | 80,695                          | WHMFDSKB3025 | 1,18,960                        | WHMFDSKB4025 | 1,58,055                        |
| 35.00                            | WHMFDSKB2035 | 1,10,285                        | WHMFDSKB3035 | 1,65,190                        | WHMFDSKB4035 | 2,17,480                        |

## Master Carton Packing for Single Core FR / FR-LSH / ZHFR Flexible

| Master Carton Size in mm | Conductor Size of wire in Sq. mm | No. of cartons packed in nos. |
|--------------------------|----------------------------------|-------------------------------|
| 430 X 440 X 240          | 0.5, 0.75, 1.0                   | 20                            |
| 432 X 553 X 241          | 1.5                              | 16                            |
| 458 X 463 X 254          | 2.5                              | 12                            |
| 254 X 267 X 241          | 4.0                              | 4                             |
| 292 X 292 X 380          | 6.0                              | 4                             |



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Standard packing - 100 mtrs. coils.

Note: Prices are inclusive of excise duty but exclusive of taxes., Additional properties of ZHFR are not covered under IS:694

This price list supercedes all our previous list prices.

# Havells Flexible Industrial Cables - Flame Retardant - 0412K

## Price List

w.e.f. 27th April, 2012

Prices are in Indian Rupees  
as per Havells Regular Terms & Conditions

### Specialty Cables (Telecome & Co-axial Cables)

Havells PVC Insulated Telephone cables for indoor applications conforming to **TEC** specification **G/WIR06/02**

| No. of Pairs | UNARMoured 0.5 mm ATC |                         |              |                          |
|--------------|-----------------------|-------------------------|--------------|--------------------------|
|              | Basic Code            | List Price per 90 mtrs. | Basic Code   | List Price per 180 mtrs. |
| 1 p          | WHTTATEA1P50          | 935                     | WHTTATEL1P50 | 1,870                    |
| 2 p          | WHTTATEA2P50          | 1,620                   | WHTTATEL2P50 | 3,240                    |
| 3 p          | WHTTATEA3P50          | 2,265                   | WHTTATEL3P50 | 4,530                    |
| 4 p          | WHTTATEA4P50          | 2,900                   | WHTTATEL4P50 | 5,800                    |
| 5 p          | WHTTATEA5P50          | 3,695                   | WHTTATEL5P50 | 7,390                    |
| 10 p         | WHTTATEA1050          | 6,755                   | WHTTATEL1050 | 13,510                   |
| 20 p         | WHTTATEA2050          | 12,325                  | WHTTATEL2050 | 24,650                   |

| No. of Pairs | UNARMoured 0.4 mm ATC <b>NEW</b> |                         |              |                          |
|--------------|----------------------------------|-------------------------|--------------|--------------------------|
|              | Basic Code                       | List Price per 90 mtrs. | Basic Code   | List Price per 180 mtrs. |
| 1 p          | WHTTATEA1P40                     | 700                     | WHTTATEL1P40 | 1,400                    |
| 2 p          | WHTTATEA2P40                     | 1,200                   | WHTTATEL2P40 | 2,400                    |
| 3 p          | WHTTATEA3P40                     | 1,700                   | WHTTATEL3P40 | 3,400                    |
| 4 p          | WHTTATEA4P40                     | 2,200                   | WHTTATEL4P40 | 4,400                    |
| 5 p          | WHTTATEA5P40                     | 2,750                   | WHTTATEL5P40 | 5,500                    |
| 10 p         | WHTTATEA1040                     | 5,200                   | WHTTATEL1040 | 10,400                   |
| 20 p         | WHTTATEA2040                     | 9,600                   | WHTTATEL2040 | 19,200                   |

Packing - All in 90 mtrs. carton except 3 pairs, above in 90 mtrs. & 180 mtrs. in polywarp coils.

### Havells CATV Co-axial Cables - 75 Ohms

(Jelly flooded, aluminium foil and aluminium wire braided)

| Item / Type  | Screen               | Signal Losses db/100 yds at 100 Mhz. | Basic Code   | List Price per 90 mtrs. | Basic Code   | List Price per 305 mtrs. |
|--------------|----------------------|--------------------------------------|--------------|-------------------------|--------------|--------------------------|
| RG 59 (Foam) | AL. FOIL + AL. BRAID | 6                                    | WHOJTTKARG59 | 2,500                   | WHOJTTKERG59 | 8,470                    |
| RG 6 (Foam)  | AL. FOIL + AL. BRAID | 5                                    | WHOJTTKARG06 | 3,150                   | WHOJTTKERG06 | 10,675                   |
| RG 11 (Foam) | AL. FOIL + AL. BRAID | 3.5                                  | WHOJTTKARG11 | 6,535                   | WHOJTTKERG11 | 22,145                   |

Packing 90 mtrs. in carton / 305 mtrs. on plywood bobbins.

### Havells Flat Three Core PVC Insulated Industrial Cable for Submersible

Confirming to IS:694 Flexible 1100 volts to IS:694

| Nominal area of conductor Sq.mm | Basic Code   | List Price per 100 mtrs. |
|---------------------------------|--------------|--------------------------|
| 1.5                             | WHPFDSKB31X5 | 8,570                    |
| 2.5                             | WHPFDSKB32X5 | 12,320                   |
| 4.0                             | WHPFDSKB34X0 | 18,745                   |
| 6.0                             | WHPFDSKB36X0 | 27,315                   |
| 10.0                            | WHPFDSKB3010 | 47,670                   |
| 16.0                            | WHPFDSKB3016 | 71,770                   |
| 25.0                            | WHPFDSKB3025 | 1,13,545                 |
| 35.0                            | WHPFDSKB3035 | 1,61,750                 |

Standard Packing - 500 mtrs. ± 5% on non returnable wooden drums.

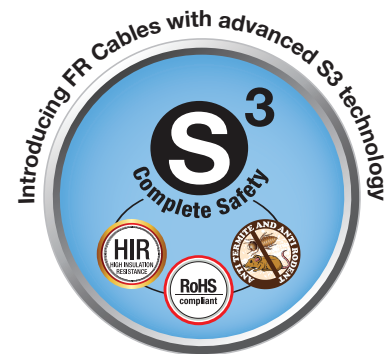
### Havells Instrumentation Cables generally conforming to DIN - VDE 0815 / BS 5308, IS : 5608

Solid / Stranded annealed bare / tinned copper conductor, PVC Insulated, cores twisted to form pairs, pairs individual / overall shielded for interference rejection, unarmoured / armoured PVC sheathed 225 / 650 / 1100 Volts grade in conductor sizes : 0.5 / 0.75 / 1.0 / 1.5 sq.mm up to 80 pairs.

Also available with HR PVC / PE / Zero Halogen Insulation and / or HR PVC / FR-LSH / Zero Halogen Sheath.

**Suitable for Low Frequency Signals.**  
**Prices available on demand.**

Prices to be made available on request on furnishing constructional & requirement details for sizes not covered by this list prices.



**Life Line**

**life guard**

**Life Shield**

Note : Prices are inclusive of excise duty but exclusive of taxes.  
: Additional properties of FR, FR-LSH and ZHFR are not covered under IS:694  
This price list supersedes all our previous list prices.

**Terms & Condition:** • Prices are in Indian Rupees • All prices inclusive of Excise Duty but exclusive of taxes/Delivery charges if paid by Havells shall be on behalf of customers only • Discounts Structure is exclusive of VAT/Taxes • Goods are dispatched by us on Purchaser's risk. All claims for loss, damage or shortage will be filed by the Purchasers directly with the carriers • Disputes, if any, are subject to Delhi jurisdiction only • **This Price List supersedes all our previous Price List** • **Prices are subject to change without notice** • Company reserves the right to issue amendments, which may arise due to any errors in the price list • Orders will be accepted in multiple of standard packing.

### Havells India Ltd.

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- Items generally available in stock.
- Order are accepted subject to availability of stock or for economical run after confirmation



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