

**SINGLE CORE, NON SHEATHED PVC CABLE**  
**AS PER SPEC.:BS:6004**



**HO5V-U**

**HO7V-U**

**HO7V-R**

**Application** : These cables are used for the purpose of lighting in residential and commercial building in surface mounted or embedded conduits. Suitable for voltages up to 1000 AC or up to 750 to earth DC when used for fixed installation inside appliances, switchgear and control gear.

	<b>CONSTRUCTION</b>	<b>TECHNICAL DATA</b>	
<b>Conductor</b>	Plain annealed copper solid as per class 1 of IEC-228/BS:6360 or stranded as per class 2 of IEC-228./BS:6360. HO5V-U and HO7V-U correspond to solid conductor. HO7V-R corresponds to stranded conductor.	<b>Temperature range</b>	-25 Deg to +70 Deg.
<b>Insulation</b>	PVC type TI 1 as per BS-6746 Core colour shall be Green/Yellow, Blue, Red, Yellow or any other colour required by the customer	<b>Working voltage</b>	300/500 V. up to 1.0 Sq. mm, 450/750 V. for 1.5 Sq. mm and above.
		<b>Conductor resistance</b>	As per class 1 or 2 of IEC-228/BS:6360

**PACKING** : Upto sizes 35mm<sup>2</sup> shrunk wrapped coils of 100 Meters/Yards.  
For 50mm<sup>2</sup> and above 500/1000 Meter on wooden drum.

**NOTE:-**

- ☒ Insulation Material shall be FR/FRLS/ZERO HALOGEN depending upon customer's request.
- ☒ The given picture of the product may differ to its actual in construction/colour.

**PVC INSULATED NON SHEATHED SINGLE CORE CABLE  
AS PER SPEC.: BS:6004**



**HO5V-K**

**HO7V-K**

**CONSTRUCTION**

<b>Conductor</b>	Plain annealed flexible copper stranded as per class 5 of IEC-228/ BS- 6360
<b>Insulation</b>	PVC type TI 1 of BS-6746

**TECHNICAL DATA**

<b>Temperature range</b>	- 25 Deg to +70 Deg C.
<b>Working voltage</b>	300/500 V. up to 1.0 mm <sup>2</sup> , 450/750 V. for 1.5 mm <sup>2</sup> and above.
<b>Conductor resistance</b>	As per class 5 of IEC-228/BS:6360.

**PACKING** : Upto sizes 35mm<sup>2</sup> shrunk wrapped coils of 100 Meters.  
For above 50mm<sup>2</sup> 500/1000 Meter on wooden drum.

**NOTE:-**

- ☐ Colour of the single core shall be Green, Green/Yellow, or any other colour as per the request of the customer.
- ☐ The given picture of the product may differ to its actual in construction/colour.

# SINGLE CORE, NON SHEATHED THERMOSETTING INSULATED CABLE AS PER SPEC.:BS:7211



**HO5Z-U**

**HO7Z-U**

**HO7Z-R**

**Application** : These cables are used for the purpose of lighting in residential and commercial building in surface mounted or embedded conduits. Suitable for voltages up to 1000 AC or up to 750 to earth DC when used for fixed installation inside appliances, switchgear and control gear.

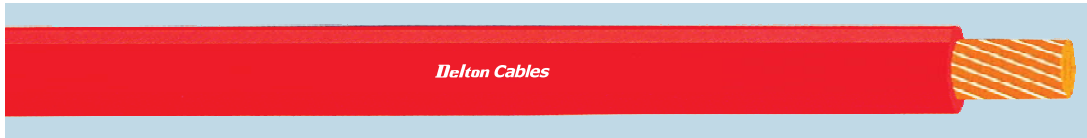
	<u>CONSTRUCTION</u>	<u>TECHNICAL DATA</u>	
<b>Conductor</b>	Plain annealed copper solid as per class 1 of IEC-228/BS:6360 or stranded as per class 2 of IEC-228./BS:6360. HO5Z-U correspond to solid conductor. HO7Z-U & HO7Z-R correspond to solid or stranded conductor.	<b>Temperature range</b>	-15 Deg. C +90 Deg. C
<b>Insulation</b>	Thermosetting insulation type EI5. Core colour shall be Green/Yellow, Blue, Red, Yellow or any other colour required by the customer	<b>Working voltage</b>	300/500 V. upto 1.0 mm <sup>2</sup> , 450/750 V. for 1.5 mm <sup>2</sup> and above.
		<b>Conductor resistance</b>	As per class 1 or 2 of IEC-228/BS:6360

**PACKING** : Upto sizes 35mm<sup>2</sup> shrunk wrapped coils of 100 Meters/Yards. For 50mm<sup>2</sup> and above 500/1000 Meter on wooden drum.

**NOTE:-**

- ☒ Insulation Material shall be FR/FRLS/ZERO HALOGEN depending upon customer's request.
- ☒ The given picture of the product may differ to its actual in construction/colour.

**THERMOSETTING INSULATED NON SHEATHED SINGLE CORE  
CABLE  
AS PER SPEC.:BS:7211**



**H07Z-K**

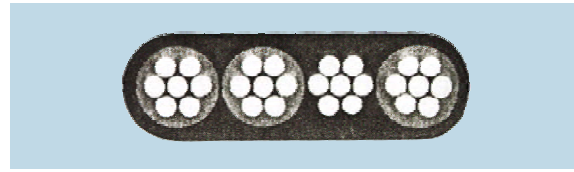
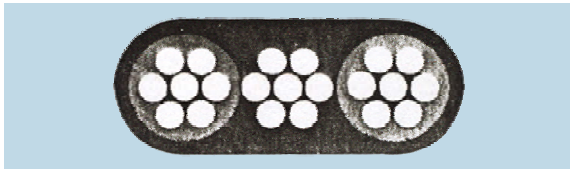
<b>CONSTRUCTION</b>		<b>TECHNICAL DATA</b>	
<b>Conductor</b>	Plain annealed flexible copper stranded as per class 5 of IEC-228/BS:6360.	<b>Temperature Range</b>	- 15 Deg. C. +90 Deg. C.
<b>Insulation</b>	Thermosetting insulation EI5 compound.	<b>Working voltage</b>	300/500 V. upto 1.0 mm <sup>2</sup> , 450/750 V. for 1.5 mm <sup>2</sup> and above.
		<b>Conductor Resistance</b>	As per class 5 of IEC-228/ BS:6360

**PACKING** : Upto sizes 35mm<sup>2</sup> shrunk wrapped coils of 100 Meters.  
For above 50mm<sup>2</sup> 500/1000 Meter on wooden drum.

**NOTE:-**

- ☐ Colour of the single core shall be Green, Green/Yellow, or any other colour as per the request of the customer.
- ☐ The given picture of the product may differ to its actual in construction/colour.

**PVC INSULATED PVC SHEATHED CABLE FLAT TWIN & THREE CORE WITH & WITHOUT EARTH CONTINUITY CONDUCTOR AS PER SPEC.: BS:6004**



**Application** : These cables are used in dry or damp locations for fixed installation. Suitable for installation in walls, on boards or embedded in plaster.

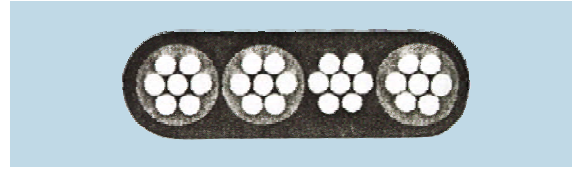
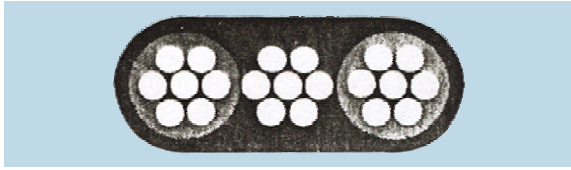
CONSTRUCTION		TECHNICAL DATA	
<b>Conductor</b>	Plain annealed copper as per class 1 or class 2 of IEC-228/BS:6360.  For the cables with earth continuity conductor the same area of cross section of conductor shall be laid parallelly laid along with the required no of cores.	<b>Temperature Range</b>	- 25 Deg. C. +70 Deg. C.
<b>Insulation</b>	PVC Type TI 1 of BS-6746, Two or Three insulated cores laid parallel and sheathed	<b>Working voltage</b>	300 / 500 volts. R.M.S.
<b>Colour code</b>	Twin core : Red & Black Three core : Red, Yellow (Centre core) and Blue	<b>Conductor Resistance</b>	As per class 1 or 2 of IEC-228/ BS : 6360
<b>Sheath</b>	PVC Type 6 of BS-6746. Our standard colour is Grey. White can be supplied on request		

**PACKING** : Supplied in Shrinked Wrapped Rolls of 100 Meters.

**NOTE:-**

☐ The given picture of the product may differ to its actual in construction/colour.

# THERMOSETTING INSULATED & SHEATHED CABLE FLAT TWIN, THREE CORES WITH CIRCUIT PROTECTIVE CONDUCTOR AS PER SPEC.: BS:7211



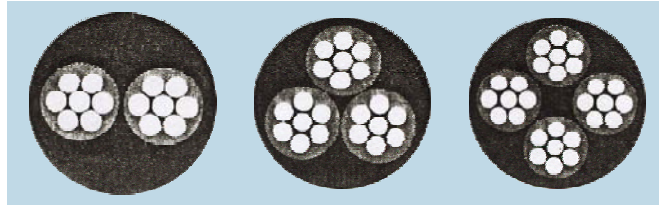
**Application** : These cables are used in dry or damp locations for fixed installation. Suitable for installation in walls, on boards or embedded in plaster.

CONSTRUCTION		TECHNICAL DATA	
<b>Conductor</b>	Plain annealed copper as per class 1 or class 2 of IEC-228/BS:6360.  For the cables with earth continuity conductor the same area of cross section of conductor shall be laid parallelly alongwith the required no of cores.	<b>Temperature range</b>	-15 Deg. C +90 Deg. C
<b>Insulation</b>	Thermosetting insulation either type EI5 or type GP8. Two or Three insulated cores laid parallel and sheathed.	<b>Working voltage</b>	300/500 V. R.M.S.
<b>Colour code</b>	Twin core : Red & Black Three core : Red, Yellow (Centre core) and Blue	<b>Conductor resistance</b>	As per class 1 or 2 of IEC-228/BS:6360
<b>Position of Circuit Protective Conductor</b>	Twin core : Centrally Placed Three core : Centrally Placed between Yellow & Blue		
<b>Sheath</b>	Synthetic sheath LTS2. Our standard colour is Light Grey. White can be supplied on request.		

**NOTE:-**

- ☒ Packing shall be in reels or wooden drums of 100/500/1000 Meter lengths.
- ☒ The given picture of the product may differ to its actual in construction/colour.

## THERMOSETTING INSULATED & SHEATHED CABLE TWIN, THREE, FOUR & FIVE CORE AS PER BS-7211



**Application** : These cables are used in dry or damp locations for fixed installation. Suitable for installation in walls, on boards or embedded in plaster.

CONSTRUCTION		TECHNICAL DATA	
<b>Conductor</b>	<p>Plain annealed copper as per class 1 or class 2 of IEC-228/BS:6360.</p> <p>For the cables with earth continuity conductor the same area of cross section of conductor shall be laid parallelly along with the required no of cores.</p>	<b>Temperature range</b>	-15 Deg. C +90 Deg. C
<b>Insulation</b>	<p>Thermosetting insulation either type EI5 or type GP8.</p> <p>Two, Three, Four, Five insulated cores laid up to form a circular compact cable core.</p>	<b>Working voltage</b>	300/500 V. R.M.S.
<b>Colour code</b>	<p>Twin core : Red &amp; Black Three core : Red, Yellow and Blue Four core : Red, Yellow, Blue &amp; Black Five Core : Red Yellow, Blue, Black &amp; Green/Yellow.</p>	<b>Conductor resistance</b>	As per class 1 or 2 of IEC-228/ BS:6360
<b>Inner covering</b>	Synthetic sheath LTS4. or separating tape as specified in cl. 8.1 Our standard colour is white.		
<b>Outer Sheath</b>	Synthetic sheath LTS4. Our standard colour is Light Grey. White can be supplied on request.		

**NOTE:-**

☐ The given picture of the product may differ to its actual in construction/colour.

## FLEXIBLE PVC CABLE AS PER SPEC. BS:6500



### HO3VV-F

**Application** : These cables are useful for use in domestic premises, kitchens, offices for light duties for light portable appliances. These cables can be used in applications where extra flexibilities is required provided there is no danger of damage. Not suitable for cooking or heating appliances.

	CONSTRUCTION	TECHNICAL DATA	
<b>Conductor</b>	Annealed plain copper stranded as per class 5 of IEC-228.	<b>Temperature Range</b>	- 25 to +70 Deg. C.
<b>Insulation</b>	PVC Type TI-2 as per BS-6746.	<b>Working voltage</b>	300 / 300 volts. R.M.S.
<b>Core Identification</b>	Two core : Blue & Brown Three core : Green/Yellow, Blue & Brown Four core : Green/Yellow Black, Blue & Brown	<b>Conductor Resistance</b>	As per class 5 of IEC-228.
<b>Assembly</b>	Cores twisted together to make a round assembly with fillers wherever necessary.	<b>Maximum short circuit temp.</b>	160 Deg. C.
<b>Outer sheath</b>	PVC Type TM-2 as per BS-6746. Our standard colour is White, but any other colour can be supplied on request.		

**PACKING** : Supplied in Shrinked Wrapped Rolls of 100 Meters.

**NOTE:-**

☐ The given picture of the product may differ to its actual in construction/colour.

## FLEXIBLE PVC CABLE to SPEC. BS:6500



### HO5VV-F

**Application** : These cables are useful for use in dry or damp locations for medium duties in domestic premises, kitchens, offices. Suitable for washing machines, refrigerators etc. Can be used for cooking and heating appliances provided that the cable does not come in contact with the hot parts.

CONSTRUCTION		TECHNICAL DATA	
<b>Conductor</b>	Annealed plain copper stranded as per class 5 of IEC-228.	<b>Temperature Range</b>	- 25 to +70 Deg. C.
<b>Insulation</b>	PVC Type TI-2 as per BS-6746.	<b>Working voltage</b>	300 / 500 volts. R.M.S.
<b>Core Identification</b>	Two core : Blue & Brown Three core : Green/Yellow, Blue & Brown Four core : Green/Yellow Black, Blue & Brown Five core : Green/Yellow Black, Blue, Brown & Black	<b>Conductor Resistance</b>	As per class 5 of IEC-228.
<b>Assembly</b>	Cores twisted together to make a round assembly with fillers wherever necessary.	<b>Maximum short circuit temperature</b>	160 Deg. C.
<b>Outer sheath</b>	PVC Type TM-2 as per BS-6746. Our standard colour is White, but any other colour can be supplied on request.		

**PACKING** : Supplied in Shrinked Wrapped Rolls of 100 Feet/Meters.

**NOTE:-**

☒ The given picture of the product may differ to its actual in construction/colour.