



RoHS 

All our cables are manufactured with materials which are compliant with RoHS and WEEE directives.

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# PVC CABLES

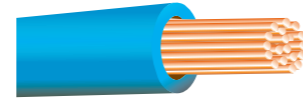
## PVC INSULATED NON-SHEATHED CABLES

ORDINARY DUTY AND HEAT RESISTING 90°C

### PANEL WIRING

#### REFERENCE:

HO5V-K 300/500 Volt	HO7V-K 450/750 Volt	2491X	Flexible
HO5V2-K 300/500 Volt	HO7V2-K 450/750 Volt	2491X HR RK90°C	Flexible



#### MANUFACTURED TO:

IS201; BS6004; HD21

#### COLOURS:

Blue; Brown; Green/Yellow; Red; Black; White; Yellow; Orange; Pink; Violet; and Grey. Other colours and bi-colours available on request.

#### PACKAGING:

50 and 100 metre lengths. Other lengths available on request.

#### APPROVALS:

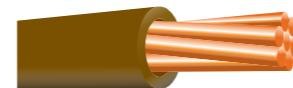
BASEC ◀ HAR ▶

Conductor mm <sup>2</sup>	Conductor Construction	Mean Overall Diameter (mm)	Conductor Resistance ohm/km @20°C
*0.5	16 / 0.20	2.15	39.00
*0.75	24 / 0.20	2.35	26.00
*1.0	32 / 0.20	2.50	19.50
1.5	30 / 0.25	3.00	13.30
2.5	50 / 0.25	3.65	7.98
4.0	56 / 0.30	4.30	4.95
6.0	84 / 0.30	4.90	3.30
10.0	80 / 0.40	6.15	1.91

### CONDUIT WIRING

#### REFERENCE:

HO5V-U 300/500 Volt	HO7V-U 450/750 Volt	HO7V-R 450/750 Volt	6491X
HO5V2-U 300/500 Volt	HO7V2-U 450/750 Volt	HO7V2-R 450/750 Volt	6491X HR



#### MANUFACTURED TO:

IS201; BS6004; HD21

#### APPROVALS:

BASEC ◀ HAR ▶

Conductor mm <sup>2</sup>	Conductor Construction	Mean Overall Diameter (mm)	Conductor Resistance ohm/km @20°C
0.5	1 / 0.81	2.05	36.29
0.75	1 / 1.13	2.35	18.00
1.5 x 1	1 / 1.37	2.80	12.10
1.5 x 7	7 / 0.53	3.00	12.10
2.5 x 1	1 / 1.77	3.40	7.41
2.5 x 7	7 / 0.67	3.60	7.41
4.0	7 / 0.85	4.15	4.61
6.0	7 / 1.04	4.70	3.08
10.0	7 / 1.35	6.05	1.83
16.0	7 / 1.70	7.05	1.15
25.0	7 / 2.14	8.90	0.727

## LIGHT DUTY PVC INSULATED PVC SHEATHED FLEXIBLE CORDS

300/300V ORDINARY DUTY AND HEAT RESISTING AND REDUCED EMISSION (<15% HCI)

#### REFERENCE:

HO3VVH2-F	SKK	Twin Flat	2192Y
HO3VV-F	SK	Multi Core Round	218_Y
HO3V2V2-F	SKX	Heat Resistant Multi Core Round	209_Y
HO3V2V2H2-F	SKX	Heat Resistant Twin Flat	209_Y

#### MANUFACTURED TO:

IS201; BS6500; HD21

#### COLOURS:

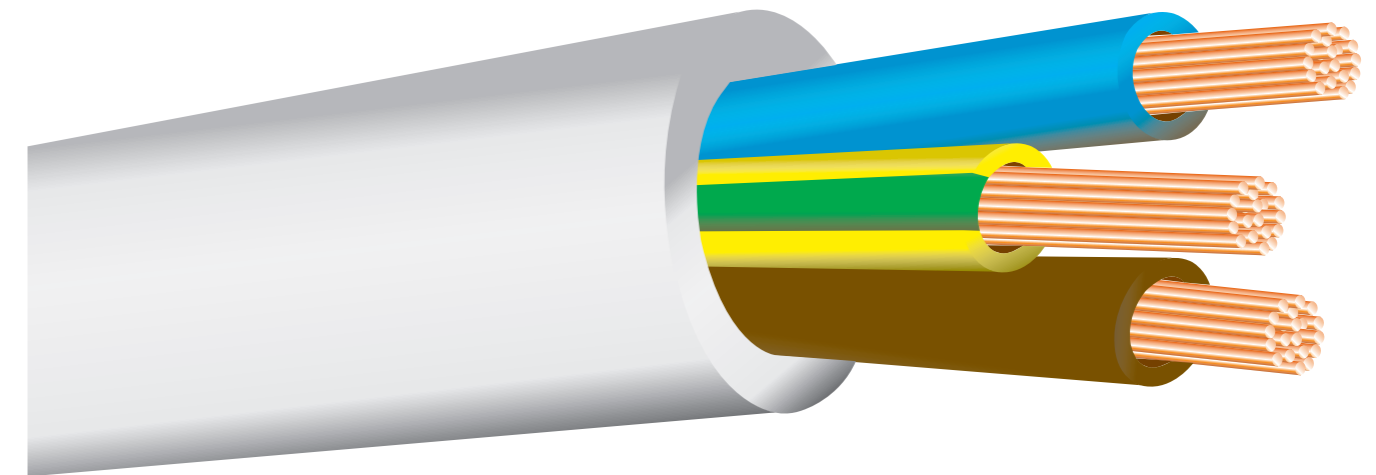
White, Black and Gold sheath.  
Other colours available on request.  
Non-standard core colours available.

#### PACKAGING:

50 and 100 metre lengths.  
Other lengths available on request.

#### APPROVALS:

BASEC ◀ HAR ▶

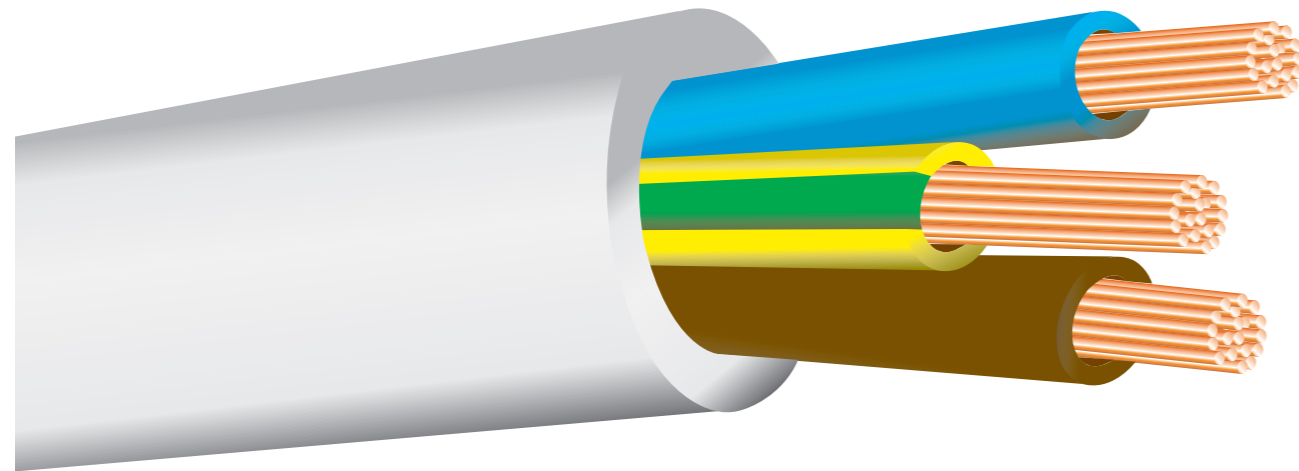


Conductor mm <sup>2</sup>	Conductor Construction	Mean Overall Diameter (mm)					Conductor Resistance ohm/km @20°C
		Flat 2 Core	2 Core Circular	3 Core Circular	4 Core Circular	5 Core Circular	
0.5	16 / 0.2	3.35 x 5.35	5.25	5.45	5.75	7.35	39.00
0.75	24 / 0.2	3.55 x 5.75	5.70	6.0	6.40	7.95	26.00

## PVC INSULATED PVC SHEATHED FLEXIBLE CORDS

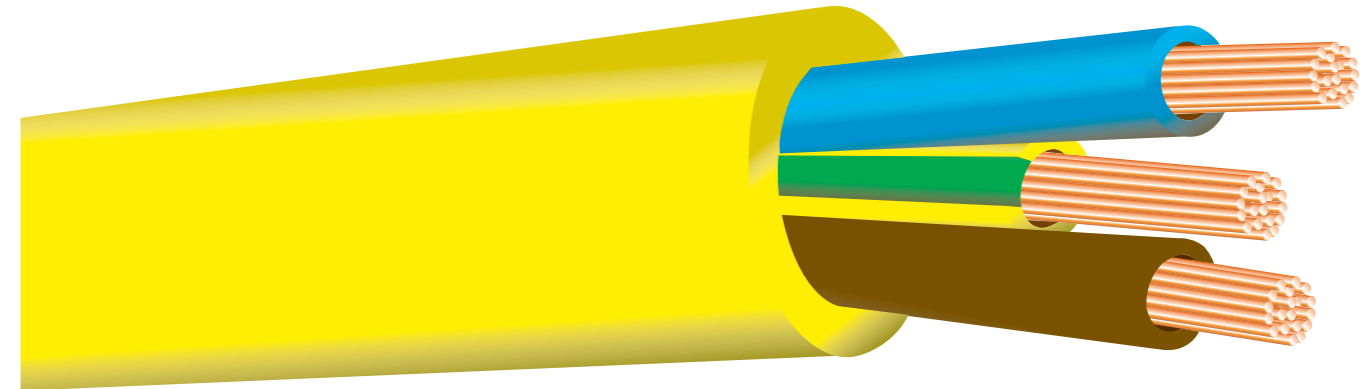
300/500V

<b>REFERENCE:</b>			
H05VVH2-F	RKK	3192Y	Twin Flat
H05VV-F	RKK	318_Y	Multi Core Flat
H05V2V2-F	RKX90	309_Y HR	Multi Core Round
<b>MANUFACTURED TO:</b>	IS201; BS6500; HD21		
*	4mm 2 size is covered in BS7919		
<b>COLOURS:</b>	White and Black sheath. Other colours available on request.		
<b>PACKAGING:</b>	50 and 100 metre lengths. Other lengths available on request.		
<b>APPROVALS:</b>	BASEC ◀ HAR ▶		



## ARCTIC FLEX -40°C

<b>REFERENCE:</b>	
H05V3V3H2-F	Twin Flat
H05V3V3-F	Multi Core Round
<b>MANUFACTURED TO:</b>	BS 7919 Table 44
<b>COLOURS:</b>	Yellow and Blue sheath. Other colours available on request.
<b>PACKAGING:</b>	50 and 100 metre lengths. Other lengths available on request.
<b>APPROVALS:</b>	BASEC



Conductor mm <sup>2</sup>	Conductor Construction	Mean Overall Diameter (mm)					Conductor Resistance ohm/km @20°C
		Flat 2 Core	2 Core Circular	3 Core Circular	4 Core Circular	5 Core Circular	
0.5	16 / 0.20	4.0 x 6.10	6.10	6.50	-	-	39.00
0.75	24 / 0.20	4.15 x 6.5	6.50	6.70	7.60	8.60	26.00
1.0	32 / 0.20	-	6.50	7.05	8.15	9.40	19.50
1.25	40 / 0.20	-	7.50	8.05	-	-	15.60
1.5	30 / 0.25	-	7.80	8.25	9.60	10.60	13.30
2.5	50 / 0.25	-	9.25	10.20	11.30	-	7.98
*4.0	56 / 0.30	-	-	11.50	12.80	-	4.95

Conductor mm <sup>2</sup>	Conductor Construction	Mean Overall Diameter (mm)						Conductor Resistance ohm/km @
		Flat 2 Core	2 Core Circular	3 Core Circular	4 Core Circular	5 Core Circular	7 Core Circular	
0.5	16 / 0.20	6.10 x 3.95	6.10	6.50	6.80	8.00	*8.25	39.00
0.75	24 / 0.20	6.50 x 4.15	6.50	6.70	7.55	8.80	-	26.00
1.0	32 / 0.20	-	6.70	7.05	8.15	9.30	-	19.50
1.25	40 / 0.20	-	7.40	8.05	-	-	-	15.60
1.5	30 / 0.25	-	7.70	8.20	9.55	10.70	-	13.30
2.5	50 / 0.25	9.50 x 5.90	9.30	10.15	11.30	-	-	7.98
4.0	56 / 0.30	-	-	11.40	12.80	-	-	4.95
*6.0	84 / 0.30	-	-	*13.40	*14.90	-	-	3.30

\*NOTE: Not BASEC approved on these sizes (no standard).

## PVC INSULATED PVC SHEATHED CABLES

### 300/500V SINGLE CORE AND FLAT TWIN CABLE

**REFERENCE:**  
**N05VV-R**                    **6181Y**                    **Single**  
**N05VVH2-R**                **6192Y**                    **Twin Flat**

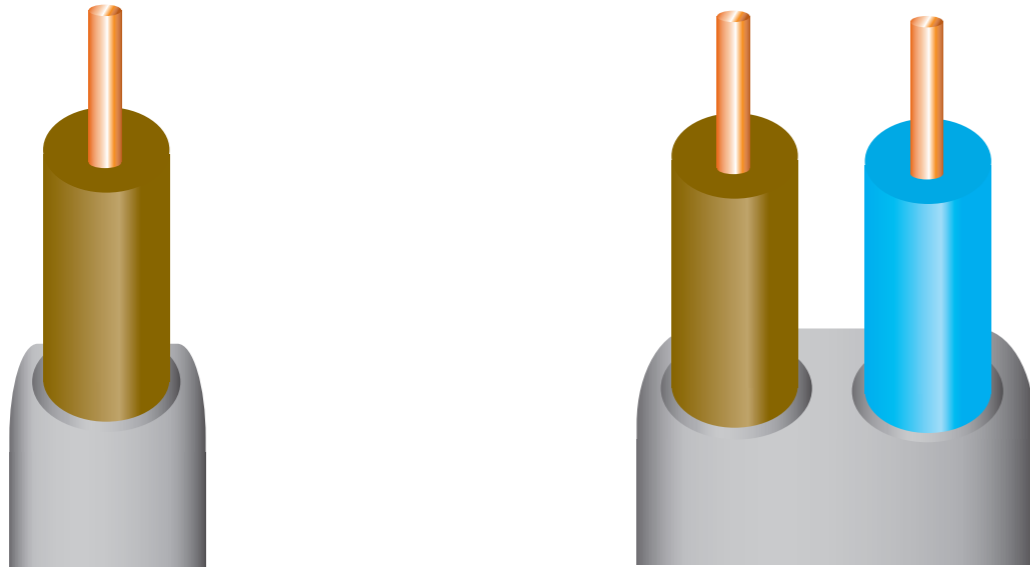
**MANUFACTURED TO:** IS201; BS6004

**COLOURS:** Grey sheath.

**CORES:** N05VV-R Blue or Brown  
 N05VVH2-R Blue and Brown.  
 Brown and Brown for 1.0mm<sup>2</sup> and 1.5mm<sup>2</sup> sizes also available.

**PACKAGING:** 50 and 100 metre lengths.  
 Other lengths available on request.

**APPROVALS:** BASEC



Conductor mm <sup>2</sup>	Conductor Construction	Mean Overall Diameter (mm)		Conductor Resistance ohm/km @20°C
		1 Core / 6181Y	2 Core / 6192Y	
1.0	1 / 1.13	4.10	4.30 x 6.50	18.10
1.5	1 / 1.37	4.45	4.55 x 7.70	12.10
1.5 (x7)	7 / 0.53	4.70	4.75 x 7.80	12.10
2.5	1 / 1.77	5.05	5.45 x 8.85	7.41
2.5 (x7)	7 / 0.67	5.30	5.80 x 9.45	7.41
4.0	7 / 0.85	6.05	6.20 x 10.0	4.61
6.0	7 / 1.04	6.60	6.95 x 11.65	3.08
10.0	7 / 1.35	7.90	8.50 x 14.55	1.83
16.0	7 / 1.70	9.10	9.70 x 16.75	1.15
25.0	7 / 2.14	11.15	-	0.727

## PVC INSULATED PVC SHEATHED CABLES WITH CIRCUIT PROTECTIVE CONDUCTOR

### 300/500V SINGLE CORE, FLAT TWIN AND THREE CORE

**REFERENCE:**  
**N05VV-U**                    **6241Y**                    **Single and EEC**  
**N05VVH4-U**                **6242Y**                    **Twin Flat with Earth**  
**N05VVH4-U**                **6243Y**                    **Three Core Flat with Earth**

**MANUFACTURED TO:** IS201; BS6004

+ Available with a large EPC for the Irish market.

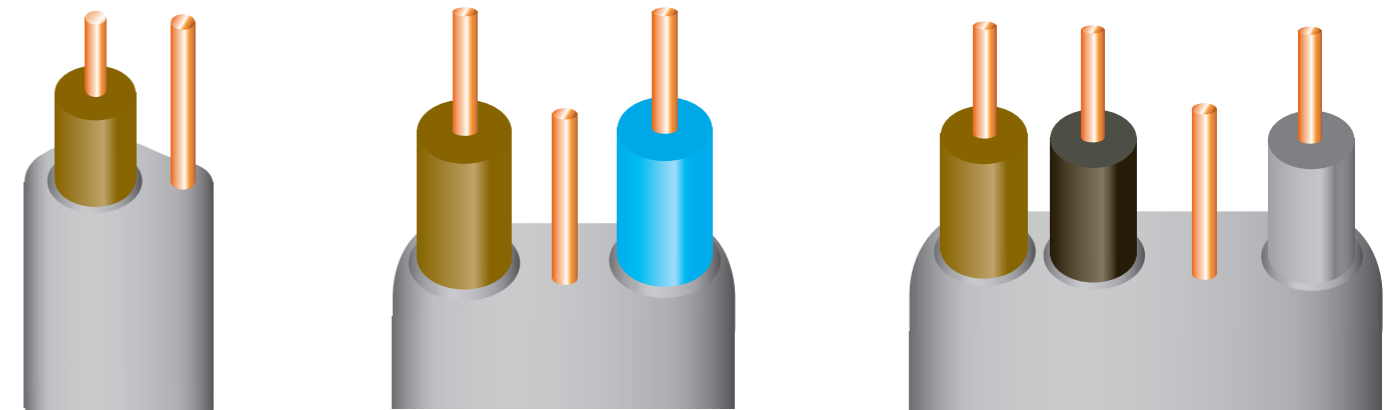
**COLOURS:** Grey or Red sheath.

**CORES:** 6241Y Blue or Brown  
 Brown and Brown for 1.0mm<sup>2</sup> and 1.5mm<sup>2</sup> sizes also available.

**PACKAGING:** 50 and 100 metre lengths.  
 Other lengths available on request.

**APPROVALS:** BASEC

**ALSO AVAILABLE:** \*6242Y SE 1.0mm<sup>2</sup>, 1.5mm<sup>2</sup> and 2.5mm<sup>2</sup> with a Green/Yellow sleeved Earth Continuity Conductor.



Conductor mm <sup>2</sup>	Conductor Construction	Mean Overall Diameter (mm)			Conductor Resistance ohm/km @20°C
		1 Core / 6241Y	2 Core / 6242Y	3 Core / 6243Y	
1.0	1 / 1.13	4.15 x 5.40	4.20 x 8.20	4.60 x 9.70	18.10
1.5	1 / 1.37	4.65 x 5.80	4.55 x 8.85	4.75 x 11.45	12.10
1.5 (x7)	7 / 0.53	-	4.80 x 9.15	-	12.10
2.5	1 / 1.77	-	5.30 x 10.40	5.45 x 13.40	7.41
2.5 (x7)	7 / 0.67	-	5.60 x 10.55	-	7.41
4.0	7 / 0.85	-	6.05 x 11.80	-	4.61
6.0	7 / 1.04	-	6.80 x 13.70	-	3.08
10.0	7 / 1.35	-	8.80 x 18.30	-	1.83
+16.0	7 / 1.70	-	9.55 x 20.45	-	1.15