

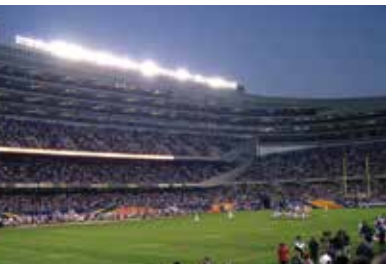


IDH

Cables Limited

MADE IN IRELAND SINCE 1934

QUALITY
APPROVED
CABLES



IDH CABLES LIMITED

PVC CABLES

INSULATED PVC CABLES



INSULATED NON-SHEATHED CABLES

ORDINARY DUTY AND HEAT RESISTING 90°C

PANEL WIRING – CLASS V CONDUCTOR

REFERENCE

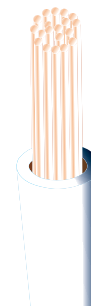
HO5V-K 300/500 VOLT	HO7V-K 450/750 VOLT	2491X	Flexible
HO5V2-K 300/500 VOLT	HO7V2-K 450/750 VOLT	2491X HR RK90°C	Flexible

MANUFACTURED TO: IS201; BS6004; BS EN 50525-2-31

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 (CSA mm²)	Conductor Construction No. of Wires/Diameter (mm)	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 – CLASS I AND II CONDUCTOR

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 90°C

MANUFACTURED TO: IS201; BS6004; BS EN 50525-2-31

APPROVALS: BASEC; <HAR>



Conductor (CSA mm²)	Conductor Construction No. of Wires/Diameter (mm)	Mean Overall Diameter (mm)	Conductor Resistance ohm/km @20°C
0.5	1 / 0.81	2.05	36.29
1.0	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

PVC INSULATED SHEATHED FLEXIBLE CORDS

LIGHT DUTY – CLASS V CONDUCTOR

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

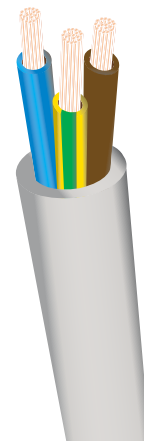
MANUFACTURED TO: IS201; BS6500; BS EN 50525-2-11

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: <HAR>



Conductor (CSA mm ²)	Conductor Construction No. of Wires/Diameter (mm)	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	3.35 x 5.35	5.25	5.45	5.75	7.35	39.00
0.75	24 / 0.20	3.55 x 5.75	5.70	6.0	6.40	7.95	26.00

300/500V – CLASS V CONDUCTOR

REFERENCE

HO5VVH2-F	RKK	3192Y	Twin Flat
HO5VV-F	RKK	318_Y	Multi Core Round
HO5V2V2-F	RKX90	309_Y HR	Multi Core Round

MANUFACTURED TO: IS201; BS6500; BS EN 50525-2-11. *4mm 2 size is covered in BS7919

COLOURS: White and Black sheath. Other colours available on request.

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

APPROVALS: <HAR>

Conductor (CSA mm ²)	Conductor Construction No. of Wires/Diameter (mm)	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

PVC INSULATED SHEATHED FLEXIBLE CORDS

300/500V SINGLE CORE AND FLAT TWIN CABLE

REFERENCE

NO5VV-R	6181Y	Single
NO5VVH2-R	6192Y	Twin Flat

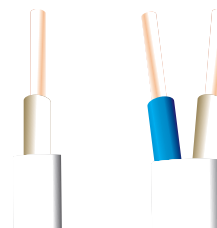
MANUFACTURED TO: IS201; BS6004

COLOURS: Grey sheath

CORES: NO5VV-R Blue or Brown. NO5VVH2-R Blue and Brown
Brown and Brown for 1.0mm² and 1.5mm² sizes also available

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

APPROVALS: BASEC; <HAR>

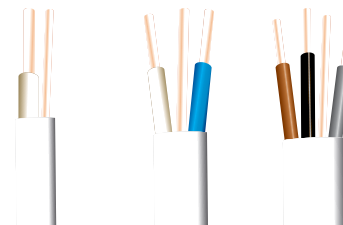


Conductor (CSA mm ²)	Conductor Construction No. of Wires/Diameter (mm)	Mean Overall Diameter (mm)		Conductor Resistance ohm/km @20°C
		1 Core / 6181Y	2 Core / 6192Y	
1.0	1 / 1.13	4.10	4.30 x 6.50	18.10
1.5	1 / 1.37	4.45	4.55 x 7.70	12.10
1.5 (x7)	7 / 0.53	4.70	4.75 x 7.80	12.10
2.5	1 / 1.77	5.05	5.45 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

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

REFERENCE

NO5VV-U	6241Y	Single and EEC
NO5VVH4-U	6242Y	Twin Flat with Earth
NO5VVH4-U	6243Y	Three Core Flat with Earth



MANUFACTURED TO: IS201; BS6004. +Available with a large CPC for the Irish market

COLOURS: Grey or Red sheath

CORES: 6241Y Blue or Brown. Brown and Brown for 1.0mm² and 1.5mm² sizes also available.

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

ALSO AVAILABLE: *6242Y SE 1.0mm², 1.5mm² and 2.5mm² with a Green/Yellow sleeved Earth Continuity Conductor

Conductor (CSA mm ²)	Conductor Construction No. of Wires/Diameter (mm)	Mean Overall Diameter (mm)			Conductor Resistance ohm/km @20°C
		1 Core / 624Y	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	24 / 0.20	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

OTHER IDH PRODUCTS



KILFLAM™
FIRE RESISTANT CABLES

KILFLAM HIGH PERFORMANCE FIRE RESISTANT CABLES
Single core conduit wire and multi-core cables available in standard and enhanced grades.



GUARDIAN™
MECHANICALLY PROTECTED CABLES

GUARDIAN
The lightweight, easy to install, 'connect and protect' cable system



FUMEGUARD™
LOW SMOKE HALOGEN FREE CABLES

FUMEGUARD LOW SMOKE HALOGEN FREE CABLES
Low and medium voltage cables



Soldier Field Stadium in Chicago, the Savoy Hotel London, the Dubai Metro and the Galway Clinic in Ireland – just some of the projects that have chosen IDH Cables.

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

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RoHS 