

ASH NYA WIRES
CU/PVC 450/750V
STRANDED TYPE NON-SHEATHED

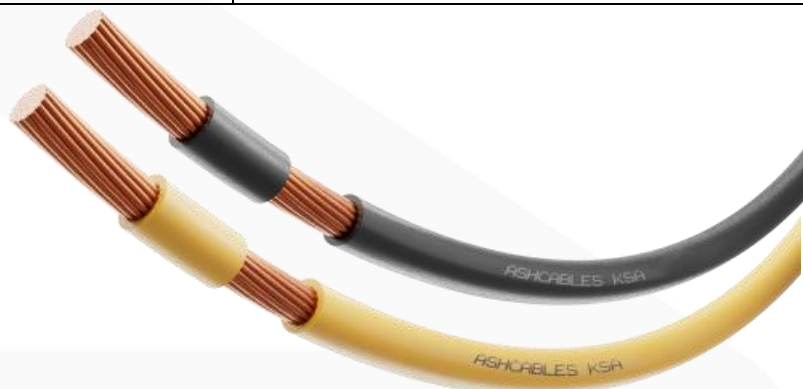
Cable Features:

- Suitable for fixed installations in a conduits, ducts or trunks or similar closed systems. It can be used in/on lighting fittings, switch and control devices, control panels, inside appliances and similar applications.

Reference Standard	IEC 60227-3, BS EN 50525-2-31
Temperature range	70°C, 90°C

CONSTRUCTION DETAILS

Conductor	Material	Plain copper conductor to ASTM B3 Stranded (class 2) to BS EN 60228
Insulation	Material	➤ H07V-R(70°C) Extruded Polyvinyl Chloride (PVC) Type TI 1 to BS EN 50363-3 with 70°C temperature rating. ➤ H07V2-R(90°C) Extruded Polyvinyl Chloride (PVC) Type TI 3 to BS EN 50363-3 with 90°C temperature rating.
	Color Identification	Any colors (As per customer request)
Printing		Table 1 & Table 2



FLAME BEHAVIOUR & MECHANICAL PROPERTIES	
Operating Temperature	70°C / 90°C
Bending Radius	6XCABLE DIA.
Flame Test	IEC 60332-1-2 / BS EN 60332-1

No.	Colors
1	Blue
2	Orange
3	Green
4	Brown
5	Grey
6	Red
7	Black
8	White
9	Yellow
10	Pink
11	Violet
12	Green/Yellow(s)

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TABLE 1

Polyvinyl Chloride (PVC) 70°C Flame retardant (H07V-R) (450/750V) (STRANDED CONDUCTOR class 2)

S/N	ASH CABLES ITEM CODE	Nominal Cross Section	Conductor Class	Nominal Thickness of Insulation	Approx. Overall Diameter	Weight of Finished Cable Approx.	Maximum Conductor DC Resistance at 20°C	Standard Packing Length
		mm ²		mm	mm	Kg/Km	Ω/Km	YARDS(Coil) /MTS(Drum)
1	AN31-01C00150-UXXXX	1.5	Class 2	0.70	3.00	20	≤12.10	100Y/COIL
2	AN31-01C00250-UXXXX	2.5	Class 2	0.80	3.60	33	≤7.41	100Y/COIL
3	AN31-01C00400-UXXXX	4	Class 2	0.80	4.15	48	≤4.61	100Y/COIL
4	AN31-01C00600-UXXXX	6	Class 2	0.80	4.70	69	≤3.08	100Y/COIL
5	AN31-01C00100-UXXXX	10	Class 2	1.00	6.10	115	≤1.83	100Y/COIL
6	AN31-01C00160-UXXXX	16	Class 2	1.00	7.10	173	≤1.15	100Y/COIL
7	AN31-01C00250-UXXXX	25	Class 2	1.20	8.90	266	≤0.727	100Y/COIL
8	AN31-01C00350-UXXXX	35	Class 2	1.20	10.0	365	≤0.524	100Y/COIL
9	AN31-01C00500-UXXXX	50	Class 2	1.40	11.00	475	≤0.387	1000M/DRUM
10	AN31-01C00700-UXXXX	70	Class 2	1.40	12.80	665	≤0.268	1000M/DRUM
11	AN31-01C00950-UXXXX	95	Class 2	1.60	14.80	930	≤0.193	1000M/DRUM
12	AN31-01C01200-UXXXX	120	Class 2	1.60	16.50	1150	≤0.153	1000M/DRUM
13	AN31-01C01500-UXXXX	150	Class 2	1.80	18.50	1430	≤0.124	1000M/DRUM
Cable marking		ASHNYA (size) MM2 CU/PVC FR 70°C H07V-R 450/750V ASHCABLES KSA						

Dimensions and Weights are subject for manufacturing Tolerance.

TABLE 2

Polyvinyl Chloride (PVC) 90°C Flame retardant (H07V2-R) (450/750V) (STRANDED CONDUCTOR class 2)

S/N	ASH CABLES ITEM CODE	Nominal Cross Section	Conductor Class	Nominal Thickness of Insulation	Approx. Overall Diameter	Weight of Finished Cable Approx.	Maximum Conductor DC Resistance at 20°C	Standard Packing Length
		mm ²		mm	mm	Kg/Km	Ω/Km	YARDS(Coil) /MTS(Drum)
1	AN33-01C00150-UXXXX	1.5	Class 2	0.70	3.00	20	12.10	100Y/COIL
2	AN33-01C00250-UXXXX	2.5	Class 2	0.80	3.60	33	7.41	100Y/COIL
3	AN33-01C00400-UXXXX	4	Class 2	0.80	4.15	48	4.61	100Y/COIL
4	AN33-01C00600-UXXXX	6	Class 2	0.80	4.70	69	3.08	100Y/COIL
5	AN33-01C00100-UXXXX	10	Class 2	1.00	6.10	115	1.83	100Y/COIL
6	AN33-01C00160-UXXXX	16	Class 2	1.00	7.10	173	1.15	100Y/COIL
7	AN33-01C00250-UXXXX	25	Class 2	1.20	8.90	266	0.727	100Y/COIL
8	AN33-01C00350-UXXXX	35	Class 2	1.20	10.0	365	0.524	100Y/COIL
9	AN33-01C00500-UXXXX	50	Class 2	1.40	11.00	475	0.387	1000M/DRUM
10	AN33-01C00700-UXXXX	70	Class 2	1.40	12.80	665	0.268	1000M/DRUM
11	AN33-01C00950-UXXXX	95	Class 2	1.60	14.80	930	0.193	1000M/DRUM
12	AN33-01C01200-UXXXX	120	Class 2	1.60	16.50	1150	0.153	1000M/DRUM
13	AN33-01C01500-UXXXX	150	Class 2	1.80	18.50	1430	0.124	1000M/DRUM
Cable marking		ASHNYA (size) MM2 CU/PVC FR HR 90°C H07V2-R 450/750V ASHCABLES KSA						

Dimensions and Weights are subject for manufacturing Tolerance.