Siechem FLYW RoHS

Siechem
Wires & Cables

Application

- Low-tension electric wire for Automobiles.
- Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Product Construction

- Conductor : Soft-annealed electrolytic Copper E-Cu ETP1 according to DIN 13602, bare conductor
- Insulation : Plasticized PVC with properties according to ISO 6722, Class C, Lead free
- Colour : As per customer order.
- Single core

Technical Data

- Temperature Range : - 40°C to +125°C (3000 Hours)
- Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm^2 5kV (r.m.s.) for cables ≥ 0.5 mm^2
- FL : Automotive Cable
- YW : Heat & hot pressure resistance
- Standard : ISO 6722-1 Class C

Features

- Flame retardant
- Highly resistant against acids, lyes, Petrol and diesel.
- Flexible conductors with PVC thick wall insulation with increased mechanical strength.
- Extra flexibility.
- Hot pressure resistance test at 120° C

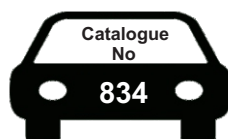Automotive Cables   FLYW

ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS Certification
IAS	LABCO	ARAI	REACH	RoHS	CE

Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable		Current Carrying Capacity	Max. Conductor Resistance at 20°C	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Max.		Overall Diameter Max.	Weight Approx.			
	mm^2	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
83406XX*	0.5	16	0.21	1.10	0.6	2.3	12	17	37.1	500
83408XX	0.75	24	0.21	1.30	0.6	2.5	16	21	24.7	500
83410XX	1	32	0.21	1.50	0.6	2.7	20	25	18.5	500
83412XX	1.25	16	0.33	1.70	0.6	2.95	21	28	14.9	500
83413XX	1.5	30	0.26	1.80	0.6	3.0	24	32	12.7	500
83414XX	2	28	0.31	2.00	0.6	3.3	30	38	9.42	500
83416XX	2.5	50	0.26	2.20	0.7	3.6	37	44	7.60	500
83417XX	3	44	0.31	2.40	0.7	4.1	44	50	6.15	500
83419XX	4	56	0.31	2.80	0.8	4.4	55	59	4.71	500
83421XX	5	65	0.33	3.10	0.8	4.9	69	67	3.94	500
83423XX	6	84	0.31	3.40	0.8	5.0	77	76	3.14	500
83425XX	8	50	0.46	4.30	0.8	5.9	93	88	2.38	500
83427XX	10	80	0.41	4.50	1.0	6.5	124	108	1.82	500
83428XX	16	126	0.41	5.80	1.0	8.3	185	144	1.16	500
83430XX	25	196	0.41	7.20	1.3	10.4	280	188	0.743	500
83432XX	35	276	0.41	8.50	1.3	11.6	385	231	0.527	500
83434XX	50	396	0.41	10.5	1.5	13.5	540	294	0.368	500
83437XX	70	360	0.51	12.5	1.5	15.5	740	376	0.259	500
83438XX	95	1475	0.51	14.8	1.6	18.0	965	464	0.196	500
83441XX	120	608	0.51	16.5	1.6	19.7	1210	550	0.153	500

- Current Carrying capacity given is for the maximum conductor operating temperature of 125°C and ambient air temperature of 40°C.

- * Other length as per Customer order.

Catalogue No
834

Siechem Wires & Cables Meet EU RoHS Directive
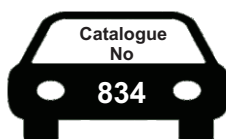
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Single colour & single stripe colour code :

Note : XX* : Please add last two digits in the part number as per the colour code given here under replacing XX while ordering.

Red-01	Yellow-02	Blue-03	Black-04	Green-05	Yellow-Green-06	Grey-07	Brown-08	White-09	Orange-10	Violet-11	Light Blue-15	LT Green-17	Pink-21	Red-Black-24
Red-Orange-25	Yellow-Blue-26	Yellow-Pink-27	Yellow-White-28	Green-Yellow-29	Blue-Black-30	Blue-Red-31	Blue-Yellow-32	Blue-Green-33	Black-Blue-36	Black-Green-37	Black- White-40	Green-Red-43	Green-Grey-44	Green-Brown-45
Grey-White-46	Grey-Red-47	Grey-Violet-48	Grey-Black-49	Grey-Green-51	Brown-Blue-52	Brown- Grey-53	Brown-Red-54	Brown-Orange-55	Brown-Yellow-57	Brown-White-58	Brown-Green-59	White-Orange-60	White-Beige-61	White-Black-62
White-Brown-63	White-Blue-64	White-Grey-65	White-Red-66	Orange-Black-67	Orange-Grey-68	Orange-Brown-69	Orange-Blue-70	Orange-Green-71	Orange-White-73	Violet-Blue-76	Violet-Green-77	Violet-Orange-78	Pink-Orange-81	Pink-Red-82
Pink-White-83	Beige-White-84	Brown-Pink-A85	Beige-Orange-89	Beige-Red-91	Beige-Yellow-92	Red-Green-93	Red-Yellow-94	Yellow-Red-95	Yellow-Black-96	Yellow-Brown-97	Yellow-Orange-98	Yellow-Violet-99	Blue-Brown-A01	Blue-White-A02
Green-Blue-A03	Green-White-A04	Grey-Yellow-A05	White-Violet- A06	White-Green-A07	White-Yellow-A08	Violet-Red-A09	Violet-Yellow-A10	Violet-White-A11	Red-White-A12	Green-Orange-A13	Blue-Orange-A14	Pink-Yellow-A15	Red-Blue-A17	Red-Grey-A18
Pink-Green-A20	Red-Violet-A22	Violet-Pink-A23	Red-Brown-A25	Grey-Orange-A26	Blue-Grey-A34	Green-Violet-A35	Blue-Pink-A38	Grey-Brown-A39	Brown-Violet-A40	Pink-Violet-A41	Yellow-Grey-A43	LTGreen-Red-A44	Pink-LTGreen-A45	Green-LTGreen-A46
Green-LTBlue-A47	Grey-LTBlue-A48	White-LTBlue-A49	Violet-Brown-A50	Violet-LTGreen-A53	White-LTGreen-A55	LTBlue-Violet-A58	LTGreen-LTBlue-A59	Blue-LTBlue-A60	Brown-Beige-A62	Green-Beige-A63	Beige-A64	LT Green-White-A65	Blue-Beige-A66	Blue-LTGreen-A67
Blue-Violet-A68	Brown-LTBlue-A69	LTGreen-Green-A70	Brown-LTGreen-A71	LTGreen-Grey-A72	Pink-LTBlue-A74	Beige-LTGreen-A75	Pink-Grey-A76	Red-LTGreen-A77	Black-Violet- A78	LT-Green-Dk-Green-A79	White-Pink - A80	Blue-Tan-A83	Brown-Pink-A84	Beige-Brown-A87
SkyBlue-A98	Orange-LTGreen-B01	LTGreen-Beige-B03	Brown-SkyBlue-B05	Pink-SkyBlue-B06	Violet-SkyBlue-B09	SkyBlue-White-B14	White-Tan-B16	Green-Tan-B17	Tan-Brown-B18	Tan-LTGreen-B19	Tan-Orange-B20	Tan-White-B22	LTGreen-Tan-B24	Tan-Yellow-B25
Tan-SkyBlue-B26	SkyBlue-Blue-B27	SkyBlue-Violet-B28	Tan-Green-B29	Yellow-LTGreen-B30	Orange-SkyBlue-B59									

Double stripe colour code :

Note : XX* : Please add last two digits in the part number as per the colour code given here under replacing XX while ordering.

LT Green-SkyBlue-D01	Grey-Red-D02	Violet-White-D03	White-Yellow-D04	Green-Yellow-D05	Yellow-Black-D06	Yellow-Red-D07	Brown-Yellow-D08	Blue-Black-D09	Tan-Brown-D10	Blue-Yellow-D11	Blue-LT Green-D12	White-Violet-D13	White-Orange-D14	Grey-Black-D15
Pink-Yellow-D16	Grey-White-D17	Grey-Brown-D18	Orange-Black-D19	Red-Violet-D20	Tan-LT Green-D21	Yellow-Grey-D22	Blue-White-D23	Grey-Yellow-D24	Blue-Red-D25	Black-Violet-D26	Pink-Orange-D27	White-Grey-D28	Blue-Orange-D29	Brown-White-D30
Brown-Grey-D31	Yellow-Orange-D32	Green-Orange-D33	Red-Blue-D34	Green-Brown-D35	Pink-Green-D36	Tan-Red-D37	Green-Tan-D38	Grey-Orange-D39	Green-White-D40	Grey-Sky Blue-D41	Tan-White-D42	Green-Skyblue-D43	Green-LTGreen-D44	Pink-LTGreen-D45
White-SkyBlue-D46	Green-Grey-D47	LTGreen-Red-D48	Brown-Orange-D49	Black-Orange-D50	Grey-D51	White-Black-D52	White-Red-D53	White-Green-D54	White-Brown-D55	White-Blue-D56	Red-Green-D57	Green-Black-D58	Violet-LTGreen-D59	Violet-Blue-D60
SkyBlue-Blue-D61	SkyBlue-Orange-D62	Violet-SkyBlue-D63	Yellow-Violet-D64	Brown-Violet-D65	LTGreen-Green-D66	White-LTGreen-D67	SkyBlue-White-D68	Black-SkyBlue-D69	SkyBlue-Grey-D70	Pink-Violet-D71	SkyBlue-Brown-D72	SkyBlue-Violet-D73	Tan-Grey-D74	Violet-Brown-D75
Tan-Green-D76	Violet-Red-D77													

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