



### Application

- ✓ Wire harness of low-tension electric circuits for automobiles.
- ✓ Used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.
- ✓ Especially used for circuits requiring heat resistance.

### Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Heat resistant.

### Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, bare conductor construction according to JASO D 608
- ✓ Insulation : Electron beam cross linked polyethylene.
- ✓ Colour : As per customer order.
- ✓ Single core

### Technical Data

- ✓ Temperature Range :  
- 40°C to +120°C (3000 Hours)
- ✓ Standard : JASO D 608
- ✓ Test Voltage : 1 kV
- ✓ A : Low tension cables for automobiles
- ✓ E : Polyethylene insulated
- ✓ X : Cross linked

**Automotive  
Cables**

**AEX**

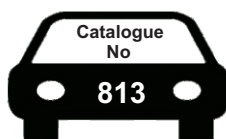
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS <sup>TM</sup> Certification

Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable			Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire Max.	Conductor Diameter Approx.		Overall Diameter		Weight Approx.			
						Nom.	Max.				
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
81306XX*	0.5	7	0.32	1.0	0.5	2.0	2.2	9	32.7	17	1000
81354XX	0.85	11	0.32	1.2	0.5	2.2	2.4	12	20.8	22	1000
81312XX	1.25	16	0.32	1.5	0.6	2.7	2.9	18	14.3	29	1000
81314XX	2	26	0.32	1.9	0.6	3.1	3.4	26	8.81	39	500
81317XX	3	41	0.32	2.4	0.7	3.8	4.1	39	5.59	52	500
81321XX	5	65	0.32	3.0	0.8	4.6	4.9	62	3.52	70	500
81325XX	8	50	0.45	3.7	0.8	5.3	5.6	89	2.32	87	500

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

Red-01	Yellow-02	Blue-03	Black-04	Green-05	Grey-07	Brown-08	White-09	Orange-10	Violet-11	LTGreen-17	Pink-21	Red-Black-24	Red-Orange-25	Yellow-Blue-26
Yellow-Pink-27	Green-Yellow-29	Blue-Black-30	Blue-Red-31	Blue-Yellow-32	Blue-Green-33	Black-Green-37	Black-Orange-38	Black-Red-39	Black-White-40	Green-Black-42	Green-Red-43	Green-Grey-44	Green-Brown-45	Grey-White-46
Grey-Red-47	Grey-Violet-48	Grey-Black-49	Grey-Blue-50	Grey-green-51	Brown-Blue-52	Brown- Grey-53	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-Grey-75	Violet-Blue-76	Violet-Green-77	Pink-Blue-80	Pink-Orange-81	Pink-White-83
Beige-White-84	Beige-Blue-86	Beige-Orange-89	Beige-Red-91	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-White-A11	Red-White-A12	Green-Orange-A13	Blue-Orange-A14	Pink-Yellow-A15	Black-Grey-A16	Red-Blue-A17	Red-Grey-A18	Red-Pink-A19	Pink-Green-A20
Orange-Violet-A21	Red-Violet-A22	Violet-Pink-A23	Red-Brown-A25	Grey-Orange-A26	Green-Pink-A28	Blue-Grey-A34	Green-Violet-A35	LTGreen-Pink-A36	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-LTBlue-A51	LTBlue-White-A52	Violet-LTGreen-A53	LTBlue-Orange-A54	White-LTGreen-A55	LTBlue-Brwon-A56	Black-LTBlue-A57	LTBlue-Violet-A58	LTGreen-LTBlue-A59	Blue-LTBlue-A60
Red-LTBlue-A61	Brown-Beige-A62	Green-Beige-A63	Beige-A64	LTGreen-White-A65	Blue-Beige-A66	Blue-LTGreen-A67	Blue-Violet-A68	Brown-LTBlue-A69	LTGreen-Green-A70	Brown-LTGreen-A71	LTGreen-Grey-A72	Yellow-Beige-A73	Pink-LTBlue-A74	Beige-LTGreen-A75
Pink-Grey-A76	Red-LTGreen-A77	Black-Violet- A78	LT- Green/Dark-Green - A79		White-Pink - A80	Blue-Tan-A83	Brown-Pink-A84	Beige-Brown-A87	LTGreen-Black-A95	Lavender-B54				

- ✓ \* Other length as per customer order.
- ✓ Current carrying capacity given is for the maximum conductor operating temperature of 120°C and ambient air temperature of 40°C.



**Siechem Wires & Cables Meet EU RoHS Directive**

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