



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.
- ✓ Extra Flexible conductors with electron beam cross linked polyethylene thin wall insulation for smaller diameter and lesser weight.
- ✓ Excellent flexibility.
- ✓ 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 : Electron beam cross linked
- ✓ f : Extra flexible conductor
- ✓ Conductor Resistance: IEC 60228/BS 6360

**Automotive
Cables**

AEX f

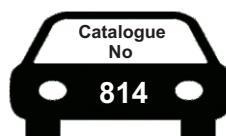
ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	IRIS TM Certification
LABCO	ARAI [®] Progress through Research	REACH COMPLIANT	RoHS COMPLIANT	CE

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 ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
81406XX*	0.5	20	0.18	1.0	0.5	2.0	2.2	8	36.7	16	1000
81408XX	0.75	30	0.18	1.1	0.5	2.2	2.4	11	24.4	20	1000
81412XX	1.25	50	0.18	1.5	0.5	2.7	2.9	18	14.7	28	1000

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	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

- ✓ * 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

Lead Free	Hg Free	Cd Free	Cr ⁶⁺ Free	PBB Free	PBDE Free
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