



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 EN 13602, bare conductor construction according to ISO 6722-1, Structure B
- ✓ Insulation : EBXL- CPE- FR (Thick wall)
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

- ✓ Temperature Range : - 40°C to +125°C (3000 Hours)
- ✓ Standards : ISO 6722-1
- ✓ CPE : Chlorinated polyethylene

Features

- ✓ Flame retardant
- ✓ Wear resistance, heat resistance low temperature & good performance

Automotive Cables

CPE-FR

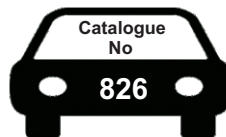
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification

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 Max.		Overall Diameter Max.	Weight Approx.			
	mm ²	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
82606XX*	0.5	16	0.21	1.1	0.6	2.3	10	37.1	17	500
82608XX	0.75	24	0.21	1.3	0.6	2.5	13	24.7	22	500
82610XX	1	32	0.21	1.5	0.6	2.7	16	18.5	26	500
82613XX	1.5	30	0.26	1.8	0.6	3.0	21	12.7	32	500
82614XX	2	28	0.31	2.0	0.6	3.3	27	9.42	39	500
82616XX	2.5	50	0.26	2.2	0.7	3.6	33	7.6	45	500
82617XX	3	44	0.31	2.4	0.7	4.1	40	6.15	51	500
82619XX	4	56	0.31	2.8	0.8	4.4	50	4.71	61	500
82623XX	6	84	0.31	3.4	0.8	5.0	70	3.14	78	500
82627XX	10	80	0.41	4.5	1.0	6.5	120	1.82	110	500
82628XX	16	126	0.41	5.8	1.0	8.3	177	1.16	147	500
82630XX	25	196	0.41	7.2	1.3	10.4	275	0.743	193	500
82632XX	35	276	0.41	8.5	1.3	11.6	373	0.527	237	500
82634XX	50	396	0.41	10.5	1.5	13.5	536	0.368	300	500
82637XX	70	360	0.51	12.5	1.5	15.5	737	0.259	384	500
82638XX	95	475	0.51	14.8	1.6	18.0	959	0.196	475	500
82641XX	120	608	0.51	16.5	1.6	19.7	1206	0.153	562	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	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 125°C and ambient air temperature of 40°C.



Siechem Wires & Cables Meet EU RoHS Directive

www.siechem.com