

**Application**

- ✓ Low-tension electric wire 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 conductor with Electron beam cross linked polyethylene super thin wall insulation for smaller diameter and lesser weight.
- ✓ Excellent flexibility.
- ✓ Heat resistant.

**Product Construction**

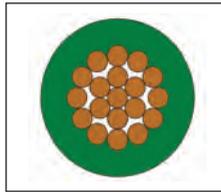
- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to DIN EN 13602, bare conductor construction according to ISO 6722-1, Structure A
- ✓ Insulation : EBXL- CPE- FR (Thin wall)
- ✓ Colour : As per customer order.
- ✓ Single core

**Technical Data**

- ✓ Temperature Range : - 40°C to +125°C (3000 Hours)
- ✓ Standards : ISO 6722-1: 2014
- ✓ CPE : Chlorinated polyethylene

Automotive Cables **CPE-FR TW**

**2D View**



Approvals	Accreditations	Certifications

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 <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
A82602XX*	0.22	7	0.21	0.70	0.25	1.20	3	84.8	9	500
A82605XX	0.35	7	0.27	0.90	0.25	1.30	5	54.4	12	500
A82606XX	0.5	19	0.19	1.10	0.28	1.60	6	37.1	15	500
A82608XX	0.75	19	0.24	1.30	0.30	1.90	9	24.7	20	500
A82610XX	1	19	0.27	1.50	0.30	2.10	11	18.5	24	500
A82613XX	1.5	19	0.33	1.80	0.30	2.40	16	12.7	30	500
A82614XX	2	19	0.38	2.00	0.35	2.80	22	9.42	39	500
A82616XX	2.5	37	0.28	2.20	0.35	3.00	24	7.60	45	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.
- \*\* We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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