

### Application

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

### Features

- ✓ Flame retardant.
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ RoHS.

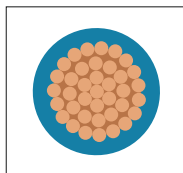
### Product Construction

- ✓ Conductor : Bare copper conductor.
- ✓ Insulation : PVC Cross-Linked.
- ✓ Color : As per customer order.

 Automotive  
Cables

**AVX-F**

### 2D View



### Technical Data

- ✓ Temperature Range :  
-40°C to 115°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Standard : ES91110-05,  
JASO D611:2014.

Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx.	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.		Nom.	Max.				
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D28804XX	0.30	12	0.18	0.7	0.5	1.8	1.9	6	61.1	11	500
D28806XX	0.50	20	0.18	1.0	0.5	2.0	2.1	9	36.7	15	500
D28808XX	0.75	30	0.18	1.1	0.5	2.2	2.3	12	24.4	20	500
D28854XX	0.85	34	0.18	1.2	0.5	2.2	2.3	13	21.6	21	500
D28812XX	1.25	50	0.18	1.5	0.6	2.7	2.8	18	14.7	27	500
D28814XX	2.00	79	0.18	1.9	0.6	3.0	3.2	26	9.42	36	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 115°C and ambient 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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