

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

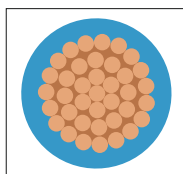
- ✓ Flame retardant
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ RoHS.

Product Construction

- ✓ Conductor : Bare copper conductor.
(Asymmetrical Structure C).
- ✓ Insulation : Polypropylene (PP),
(Halogen Free).
- ✓ Color : As per customer order.

**Automotive
Cables**
A3ZZ

2D View



Technical Data

- ✓ Temperature Range :
-40°C to 125°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Standard : CDC 36-05-009 / --R.

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.		Min.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
D20125XX	8.00	240	0.21	4.3	0.32	4.6	5.0	86	2.38	88	500
D20127XX	10.00	320	0.21	4.5	0.48	5.3	6.0	111	1.82	109	500
D201A11XX	12.00	380	0.21	5.4	0.48	5.8	6.5	133	1.52	120	500
D20128XX	16.00	512	0.21	6.3	0.52	6.4	7.2	174	1.16	147	500
D20156XX	20.00	610	0.21	6.9	0.52	7.0	7.8	212	0.955	170	500
D20130XX	25.00	790	0.21	7.8	0.52	7.9	8.7	261	0.743	193	500
D20157XX	30.00	900	0.22	8.3	0.64	8.7	9.6	323	0.647	212	500
D20132XX	35.00	1070	0.21	9.0	0.64	9.4	10.4	372	0.527	236	500
D20158XX	40.00	1200	0.21	9.6	0.71	10.0	11.1	424	0.473	256	500
D20134XX	50.00	1600	0.21	10.5	0.71	11.0	12.2	511	0.368	291	500
D20137XX	70.00	1427	0.26	12.5	0.80	13.0	14.4	707	0.259	359	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 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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