


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

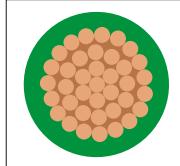
- ✓ Conductor : Bare copper conductor, (Asymmetrical Structure C).
- ✓ Insulation : Plasticized PVC, (Minimum wall thickness).
- ✓ Color : As per customer order.

Automotive
Cables

H3

Technical Data

- ✓ Temperature Range : -40°C to 125°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Standard : B25 1110.

2D View


Approvals	Accreditations	Certifications

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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
D20527XX	10.00	320	0.21	4.5	0.48	5.3	6.0	107	1.91	109	500
D20528XX	16.00	512	0.21	6.3	0.52	6.4	7.0	167	1.21	147	500
D20556XX	20.00	610	0.21	6.9	0.52	7.0	7.5	208	0.99	170	500
D20532XX	35.00	1070	0.21	9.0	0.64	9.4	11.6	358	0.527	236	500
D20558XX	40.00	1200	0.21	9.6	0.64	10.0	12.5	414	0.493	256	500
D20534XX	50.00	1600	0.21	10.5	0.70	11.0	13.5	517	0.368	291	500
D20537XX	70.00	1427	0.26	12.5	0.70	13.0	15.5	714	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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