

### 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

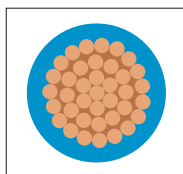
- ✓ Flame retardant.
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ Electron Beam Cross Linked.
- ✓ RoHS.

### Product Construction

- ✓ Conductor : Bare copper conductor.
- ✓ Insulation : EBXL - XLPE,  
(Minimum wall thickness).
- ✓ Color : As per customer order.

**Automotive  
Cables**
**H3ZH**

### 2D View



### Technical Data

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

Approvals	Accreditations	Certifications

Part Number	Conductor Construction				Insulation Wall Thickness Min.	Cable Overall Diameter		Weight Approx. kg/km	Max. Conductor Resistance at 20°C Ω/km	Current Carrying Capacity Amps	Standard Length* mtrs
	Nominal Cross-Section mm <sup>2</sup>	No. of Strands nos.	Diameter of Single wire Max. mm	Conductor Diameter Max. mm		Min. mm	Max. mm				
D20727XX	10.00	320	0.21	4.5	0.48	5.3	6.0	104	1.91	109	500
D207A11XX	12.00	380	0.21	5.4	0.48	5.8	6.5	124	1.52	120	500
D20728XX	16.00	512	0.21	6.3	0.52	6.4	7.0	163	1.16	147	500
D20756XX	20.00	610	0.21	6.9	0.52	7.0	7.5	201	0.955	170	500
D20730XX	25.00	790	0.21	7.8	0.52	7.9	8.7	249	0.743	193	500
D20757XX	30.00	900	0.22	8.3	0.64	8.7	9.6	302	0.647	212	500
D20732XX	35.00	1070	0.21	9.0	0.64	9.4	11.6	353	0.527	236	500
D20758XX	40.00	1200	0.21	9.6	0.64	10.0	12.5	404	0.473	256	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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