

**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.
- ✓ Flexible conductor with PVC thick wall insulation with increased mechanical strength.
- ✓ Extra flexibility.

**Product Construction**

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, bare conductor construction according to JASO D611: 2014
- ✓ Insulation : Lead free PVC
- ✓ Colour : As per customer order.
- ✓ Single core

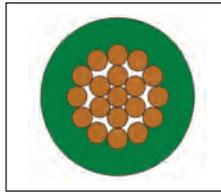
**Technical Data**

- ✓ Temperature Range : - 40°C to +80°C (3000 Hours)
- ✓ Standard : JASO D 611:2014
- ✓ Test Voltage : 1 kV
- ✓ HD : Heavy Duty
- ✓ EB : Earth Bond

Automotive Cables

Heavy Duty Grounding Cable

**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 Approx.		Overall Diameter					Weight Approx.
						Nom.	Max.				
	mm <sup>2</sup>	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs	
83226XX*	9	7/16	0.32	4.2	1.0	6.2	6.5	102	2.09	73	500
83255XX	15	19/19	0.32	5.3	1.1	7.5	8.0	152	1.37	95	500
83256XX	20	19/13	0.32	6.5	1.1	8.7	9.3	210	0.946	120	500
83257XX	30	19/19	0.32	7.8	1.4	10.6	11.3	311	0.647	150	500
83258XX	40	19/26	0.32	9.1	1.4	11.9	12.6	409	0.473	181	500
83235XX	60	19/39	0.32	11.1	1.6	14.3	15.1	605	0.315	236	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 80°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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