



Application

- ✓ Low-tension electric circuits of battery for automobiles.
- ✓ Used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

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

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductor with PVC thick wall insulation with increased mechanical strength.
- ✓ Extra flexibility.

Automotive Cables

Heavy Duty Grounding Cable

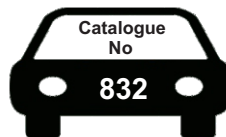
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification

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 ²	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.



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