

Application

- ✓ High voltage and high current circuit in electric vehicles
- ✓ High reliability
- ✓ Low cost
- ✓ High ecological solution

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, tinned conductor construction
- ✓ Insulation : Electron beam cross linked polyethylene.
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

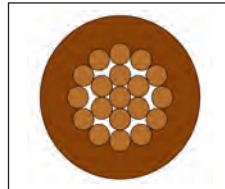
- ✓ Temperature Range : - 40°C to +120°C (3000 Hours)
- ✓ Standard : ISO 6722
- ✓ Test Voltage : 5 kV for 5 minutes
- ✓ A : Automobiles
- ✓ T : Tinned annealed copper wire
- ✓ E : Electric Automobile
- ✓ EX : Halogen free irradiated cross-linked Polyethylene

Features

- ✓ Flame retardant.
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductor with Electron beam cross linked polyethylene thin wall insulation for smaller diameter and lesser weight.
- ✓ Heat resistant.

Automotive Cables **ATEEX**

2D View



Approvals | Accreditations | Certifications



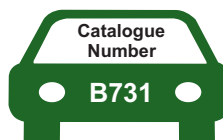
Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable		Max. Conductor Resistance at 20°C	Current Carrying Capacity	Standard Length*	
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Max.		Overall Diameter					Weight Approx.
						Nom.	Max.				
	mm ²	nos.	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs	
B731A11XX*	12	154	0.33	5.40	1.0	6.1	7.4	130	1.60	119	1000
B73155XX	15	171	0.33	5.70	1.0	7.6	8.0	150	1.44	131	1000
B73156XX	20	247	0.33	6.90	1.1	8.1	9.10	205	0.999	159	1000
B73157XX	30	361	0.33	8.30	1.3	9.7	10.9	300	0.684	200	500
B73158XX	40	494	0.33	9.60	1.4	11.2	12.4	405	0.500	241	500
B73134XX	50	798	0.30	10.50	1.5	11.5	13.5	535	0.375	283	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 120°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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