


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

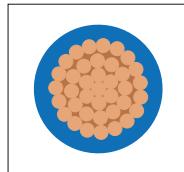
- ✓ Flame retardant.
- ✓ Highly resistant against acids, alkaline, petrol and diesel.
- ✓ Extra flexibility.
- ✓ Electron Beam Cross Linked.
- ✓ RoHS.

Product Construction

- ✓ Conductor : Bare copper conductor (Asymmetrical structure B).
- ✓ Insulation : EBXL-XLPE.
- ✓ Color : As per customer order.


Technical Data

- ✓ Temperature Range : -40°C to 150°C / 3000hrs.
- ✓ Voltage : 60V.
- ✓ Min. Bending radius: 3xCable OD.
- ✓ Standard : ES-AU5T-1A348-AA.


2D View


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
D19125XX	8	98	0.33	4.3	0.32	4.6	5.0	87	2.38	103	500
D19127XX	10	80	0.41	4.5	0.48	5.3	6.0	111	1.82	120	500
D19128XX	16	126	0.41	6.3	0.52	6.4	7.2	180	1.18	162	500
D19130XX	25	196	0.41	7.8	0.52	7.9	8.7	253	0.757	213	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 150°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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