



**Application**

- ✓ Wire harness of low-tension electric circuits 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 ASTM B3 bare conductor construction according to SAE J 1127 : 2015
- ✓ Insulation : Lead free PVC.
- ✓ Colour : As per customer order.
- ✓ Single core

**Technical Data**

- ✓ Temperature Range :  
- 40°C to +80°C (3000 Hours)
- ✓ Standard : SAE J1127 : 2015
- ✓ Test Voltage : 1 kV
- ✓ S : Starter or Ground
- ✓ T : Thin wall
- ✓ T : Thermoplastic insulated

**Features**

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, petrol and diesel.
- ✓ Flexible conductor with PVC thin wall insulation for smaller diameter and lesser weight.
- ✓ Excellent Flexibility.



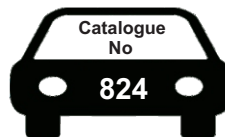
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS <sup>TM</sup> Certification

Part Number	Conductor Construction				Insulation Wall Thickness		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 Nom.	Min	Nom.	Overall Diameter Max.	Weight Approx.			
					mm	mm					
82461XX*	6	133	0.36	4.83	0.76	1.09	7.8	141	1.40	93	500
82462XX	4	133	0.46	6.09	0.78	1.12	9.5	205	0.94	119	500
82463XX	2	133	0.57	7.67	0.78	1.12	11.0	332	0.56	161	500
82458XX	1	259	0.46	8.49	0.78	1.12	12.0	407	0.42	190	500
82434XX	1/0	1026	0.26	9.47	0.78	1.12	13.0	511	0.36	211	500
82465XX	2/0	1254	0.26	10.47	0.78	1.12	14.5	616	0.27	255	500
82466XX	3/0	1615	0.26	11.89	0.78	1.12	17.0	782	0.21	305	500
82467XX	4/0	2052	0.26	13.40	0.78	1.12	18.5	981	0.17	355	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	

- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 80°C and ambient air temperature of 40°C.
- ✓ \* Other length as per Customer order.



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