



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.
- ✓ Especially used for circuits requiring heat resistance.

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102, bare conductor construction according to JASO D 608 (optional) tinned Conductor
- ✓ Insulation : Electron beam cross linked PVC.
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

- ✓ Temperature Range : - 40°C to +100°C (3000 Hours)
- ✓ Standard : JASO D 608
- ✓ Test Voltage : 1 kV
- ✓ A : Low tension Cable
- ✓ V : Vinyl insulated automobiles
- ✓ X : Cross linked

Features

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



ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS™ 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.	min.	Nom.	Overall Diameter		Weight Approx.			
							Nom.	Max.				
	mm ²	nos.	mm	mm	mm	mm	mm	mm	kg/km	Ω/km	Amps	mtrs
81106XX*	0.5	7	0.32	1.0	0.32	0.5	2.0	2.2	10	32.7	15	1000
81154XX	0.85	11	0.32	1.2	0.32	0.5	2.2	2.4	14	20.8	19	1000
81112XX	1.25	16	0.32	1.5	0.40	0.6	2.7	2.9	20	14.3	20	1000
81114XX	2	26	0.32	1.9	0.40	0.6	3.1	3.4	28	8.81	34	500
81117XX	3	41	0.32	2.4	0.48	0.7	3.8	4.1	43	5.59	46	500
81121XX	5	65	0.32	3.0	0.64	0.8	4.6	4.9	65	3.52	61	500
81125XX	8	50	0.45	3.7	0.64	0.8	5.3	5.6	93	2.32	79	500
81126XX	9	112	0.32	4.2	0.8	1.0	6.2	6.5	110	2.09	87	500
81127XX	10	63	0.45	4.5	0.8	1.0	6.5	6.9	119	1.84	94	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 100°C and ambient air temperature of 40°C.



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