



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.

Features

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

Product Construction

- ✓ Conductor : Soft-annealed electrolytic copper E-Cu ETP1 according to JIS C 3102 , bare conductor construction according to JASO D 608 (reference)
- ✓ Insulation : Electron Beam Cross Linked lead free PVC
- ✓ Colour : As per customer order.
- ✓ Single core



Technical Data

- ✓ Temperature Range : - 40°C to +100°C (3000 Hours)
- ✓ Standard : JASO D 608 (reference)
- ✓ Test Voltage : 1 kV
- ✓ A : Low tension cables for automobiles
- ✓ V : Vinyl Insulated
- ✓ SS : Very Thin wall type
- ✓ X : Electron Beam Cross Linked

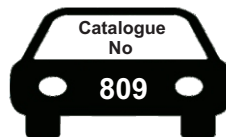
ISO 9001	ISO 14001	IATF 16949	AS 9100	ISO 45001	IRIS TM Certification

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	mm	kg/km	Ω/km	Amps	mtrs
80904XX*	0.3	7	0.26	0.8	0.3	1.4	1.5	5	50.2	11	1000
80906XX	0.5	7	0.32	1.0	0.3	1.6	1.7	7	32.7	14	1000
80954XX	0.85	19	0.24	1.2	0.3	1.8	1.9	10	21.7	18	1000
80912XX	1.25	19	0.29	1.5	0.3	2.1	2.2	12	14.9	23	1000

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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