

Application

- ✓ Low-tension electric wire 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 DIN 13602, bare or tinned. Conductor construction according to DIN 72551, Part 6, **type B** and ISO 6722.
- ✓ Insulation : Plasticized PVC with properties according to DIN 72551 and ISO 6722, Class B, Lead free.
- ✓ Colour : As per customer order.

Technical Data

- ✓ Temperature Range : - 40°C to +105°C (3000 Hours)
- ✓ Standard : DIN 72551 - 6
BMW GS 95007-1
Ford WSK 1A348-A2
FIAT 91107/13
- ✓ Test Voltage : 3KV i.e <0.5mm²
5KV i.e >0.5mm²
- ✓ FL : Automotive cable, low voltage
- ✓ R : Reduced insulation wall thickness
- ✓ Y : PVC
- ✓ **Type B: Flexible Conductor**
- ✓ Conductor Resistance: IEC 60228/BS 6360

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel
- ✓ Flexible conductors with thin wall insulation for extra flexibility.

Automotive Cables **FLRY - B**

ISO 9001

ISO 14001

ISO/TS 16949

OHSAS 18001



Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable		Conductor Resistance at 20°C Max.		Current Carrying Capacity	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Nom.		Overall Diameter Max.	Weight Approx.	Bare	Tinned		
								Ω/km	Ω/km		
	mm ²	nos.	mm	mm	mm	kg/km			Amps	mtrs	
67822XX*	0.35	12	0.21	0.9	0.20	1.40	5	52.0	54.5	11	500
67820XX	0.5	16	0.21	1.0	0.22	1.60	6	37.1	38.2	13	500
67818XX	0.75	24	0.21	1.20	0.24	1.90	9	24.7	25.4	17	500
67817XX	1	32	0.21	1.35	0.24	2.10	12	18.5	19.1	21	500
67816XX	1.5	30	0.26	1.70	0.24	2.40	17	12.7	13.0	27	500
67814XX	2.5	50	0.26	2.20	0.28	3.00	28	7.6	7.8	38	500
67812XX	4	56	0.31	2.75	0.32	3.70	43	4.7	4.8	52	500
67810XX	6	84	0.31	3.30	0.32	4.30	63	3.1	3.2	67	500

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 04	Yellow - 11	Blue - 02	Black - 01	Green - 12	Yellow-Green - 00	Grey - 06	Brown - 03	White - 05	Orange - 09	Violet - 07
Chocolate - 16	Tan - 13	Charcoal - 17	LT Blue - 18	DK Grey - 19	LT Green - 20	DK Green - 21	DK Blue - 14	DK Purple - 22	Pink - 08	

- ✓ Current Carrying capacity given is for the maximum conductor operating temperature of 105°C and ambient air temperature of 40°C.
- ✓ * Other length as per Customer order.