

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 EN 13602, bare conductor
- ✓ Insulation : Plasticized PVC with properties according to ISO 6722, Class B, Lead free
- ✓ Colour : As per customer order.
- ✓ Single core

Technical Data

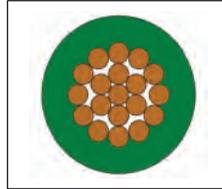
- ✓ Temperature Range : - 40°C to + 105°C (3000 Hours)
- ✓ Test Voltage: 3kV (r.m.s.) for cables < 0.5 mm² 5kV (r.m.s.) for cables ≥ 0.5 mm²
- ✓ FL : Automotive cable
- ✓ Y : PVC insulation
- ✓ Standard : LV112
BMW GS 95007-1-1
VM 60306-1

Features

- ✓ Flame retardant
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Flexible conductors with PVC thick wall insulation with increased mechanical strength.
- ✓ Extra flexibility.

Automotive Cables **FLY**

2D View



Approvals Accreditations Certifications



Part Number	Conductor Construction				Insulation Wall Thickness Nom.	Cable		Current Carrying Capacity	Max. Conductor Resistance at 20°C	Standard Length*
	Nominal Cross-Section	No. of Strands	Diameter of Single wire max.	Conductor Diameter Nom.		Overall Diameter Max.	Weight Approx.			
	mm ²	nos.	mm	mm	mm	mm	kg/km	Amps	Ω/km	mtrs
83306XX*	0.5	16	0.21	1.0	0.6	2.3	10	15	37.1	500
83308XX	0.75	24	0.21	1.2	0.6	2.5	13	19	24.7	500
83310XX	1	32	0.21	1.35	0.6	2.7	16	22	18.5	500
83313XX	1.5	30	0.26	1.7	0.6	3	21	28	12.7	500
83314XX	2	28	0.31	2.0	0.6	3.3	26	34	9.42	500
83316XX	2.5	50	0.26	2.2	0.7	3.6	33	39	7.6	500
83317XX	3	60	0.26	2.4	0.7	4.1	38	45	6.0	500
83319XX	4	56	0.31	2.75	0.8	4.4	50	53	4.71	500
83323XX	6	84	0.31	3.3	0.8	5	70	68	3.14	500
83327XX	10	80	0.41	4.5	1	6.5	120	97	1.82	500
83328XX	16	126	0.41	6.3	1	8.3	1277	131	1.16	500
83330XX	25	196	0.41	7.8	1.3	10.4	275	172	0.743	500
83332XX	35	276	0.41	9.0	1.3	11.6	373	211	0.527	500
83334XX	50	396	0.41	10.5	1.5	13.5	536	263	0.368	500
83337XX	70	360	0.51	12.5	1.5	15.5	737	337	0.259	500
83338XX	95	475	0.51	14.8	1.6	18	959	415	0.196	500
83341XX	120	608	0.51	16.5	1.6	19.7	1206	492	0.153	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	

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.

✓ 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.



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