



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 conductor
- ✓ Insulation : Electron Beam Cross Linked EVA (Ethylene Vinyl Acetate) with properties based on ISO 6722, Class C.
- ✓ Polyester foil as per DIN 40634. (Optional)
- ✓ Outer Sheath : TPE-U (Thermoplastic polyurethane elastomer with especially high resistance to hydrolysis)
- ✓ Colour : As per customer order.
- ✓ Multicore

Technical Data

- ✓ Temperature Range : - 40°C to +125°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
- ✓ R : Reduced wall Thickness
- ✓ 4G : EVA
- ✓ 11Y : TPE-U
- ✓ Standard : ISO 6722, Class C

Features

- ✓ Flame retardant.
- ✓ Highly resistant against acids, lyes, Petrol and diesel.
- ✓ Extra flexibility.
- ✓ Cable is hot pressure resistant.
- ✓ Very high fatigue strength.
- ✓ High bending strength.
- ✓ High abrasion resistance.

Automotive Cables

FLR4G11Y-FL4G11Y

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

Part Number	Conductor Construction					Insulation Wall Thickness Nom.	Sheath Thickness	Cable		Max. Conductor Resistance at 20°C	Standard Length
	Nominal Cross-Section	No. of Core	No. of Strands	Diameter of Single wire max.	Conductor Diameter Nom.			Overall Diameter Max.	Weight Approx.		
	mm ²	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	mtrs
FLR4G11Y											
8560502	0.35	2	19	0.16	0.8	0.35	0.5	4.8	29	54.5	500
8560602	0.5	2	28	0.16	1.0	0.35	0.55	5.2	36	40.1	500
8560603	0.5	3	28	0.16	1.0	0.35	0.8	6.0	51	40.1	500
8560604	0.5	4	28	0.16	1.0	0.35	0.6	6.1	58	40.1	500
FL4G11Y											
8910602	0.5	2	16	0.21	1.0	0.6	0.85	7.1	59	40.1	500
8910802	0.75	2	42	0.16	1.2	0.5	0.9	7.3	65	27.1	500
8911302	1.5	2	30	0.26	1.7	0.6	0.65	8.0	87	13.7	500
8910603	0.5	3	16	0.21	1.0	0.6	0.8	7.6	75	40.1	500
8911303	1.5	3	30	0.26	1.7	0.7	1.1	9.8	140	13.7	500



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