

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 : PE-X (Polyethylene cross linked)
- ✓ 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
- ✓ 2X: XLPE
- ✓ 11Y: TPE-U
- ✓ Standard : ISO 6722, Class C

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 **FLR2X11Y**

2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction					Insulation Wall Thickness Nom.	Sheath Thickness	Cable		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.	Bare	Tinned	
	mm ²	mm ²	nos.	mm	mm	mm	mm	mm	kg/km	Ω/km	Ω/km	mtrs
8570502	0.35	2	12	0.21	0.9	0.25	0.5	3.9	25	52.0	54.5	500
8570602	0.5	2	19	0.19	1.0	0.3	0.65	4.6	35	37.1	40.1	500
8570602	0.5	2	28	0.16	1.0	0.3	0.65	4.6	36	37.1	40.1	500
8570802	0.75	2	42	0.16	1.2	0.5	0.9	6.4	63	24.7	27.1	500

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

✓ Current Carrying capacity given is for the maximum conductor operating temperature of 125°C and ambient air temperature of 40°C.

✓ * Other length as per Customer order.

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



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