

# CABLE SOLUTIONS FOR AUTOMOTIVE AND E-MOBILITY

## LOW VOLTAGE MULTICORE CABLES

# PLASTHERM® FLRY

### Multicore

## -40°C to +105°C

### Class B according to ISO 6722-1 and ISO 19642-1



- 1 • Bare or tinned copper core Type A or Type B according to ISO 6722-1, ISO 19642-3 and EN 13602
- 2 • PVC insulation 105°C
- 3 • PVC sheath 105°C

### Approvals - standards\*

- ISO 6722-1, ISO 19642-1, ISO 19642-7, EN 13602

### Applications

- Low voltage cables for general automotive wiring

### Specific characteristics

- Version with a reduced insulation according to ISO 6722-1 and ISO 19642-7

### Colour code

- Sheath : black
- Insulation :
  - 2 conductors : red, black
  - ≥ 3 conductors : HD308 (contact us for any other requests)

### Option

- PVC version 125°C class C ref. FLRYWYW
- Shielded version ref. FLRYCY

### CONSTRUCTION ACCORDING TO ISO 19642-7

Number of conductors	Nominal cross section (mm²)	Conductor diameter max. (mm)	Single core diameter		Sheath thickness min. (mm)	Cable outer diameter	
			min. (mm)	max. (mm)		min. (mm)	max. (mm)
2	1.5	1.8	2.2	2.4	0.46	5.4	5.9
3	1.5	1.8	2.2	2.4	0.47	5.8	6.4
4	1.5	1.8	2.2	2.4	0.50	6.5	7.0
2	2.5	2.2	2.7	3.0	0.51	6.7	7.3
3	2.5	2.2	2.7	3.0	0.53	7.2	7.8
4	2.5	2.2	2.7	3.0	0.56	8.0	8.6
2	4	2.8	3.4	3.7	0.56	8.1	8.8
3	4	2.8	3.4	3.7	0.58	8.7	9.4
4	4	2.8	3.4	3.7	0.61	9.7	10.4
2	6	3.4	4.0	4.3	0.60	9.4	10.1
3	6	3.4	4.0	4.3	0.61	10.1	10.8
4	6	3.4	4.0	4.3	0.64	11.2	12.0
2	10	4.5	5.7	6.0	0.68	12.8	13.7
3	10	4.5	5.7	6.0	0.69	13.8	14.7
2	16	6.3	6.9	7.2	0.72	15.3	16.2
3	16	6.3	6.9	7.2	0.74	16.4	17.4

\* Standards: our products comply with all or part of the requirements of standards quoted: contact us  
Other cross-sections available on request

[www.omerin.com](http://www.omerin.com)