



Automotive Cables

Standards for automotive cables

International standards	
ISO 6722-1	Road vehicles, 60V and 600V single-core cables
ISO 6722-2	Road vehicles, 60V and 600V single-core aluminium cables
ISO 14 572	Road vehicles – round, screened and unshielded, 60V and 600V multi-core sheathed cables
LV 112-1	Electrical cables for motor vehicles (copper, single-core, unshielded)
LV 112-2	Electrical cables for motor vehicles (aluminium, single-core, unshielded)
LV 112-3	Specification of the current rating of vehicle cables
LV 112-4	Electrical cables for motor vehicles (copper alloy cables, single-core, unshielded)
LV 122	Twisted cables
LV 212	Sheathed cables for motor vehicles (requirements and testing)
LV 213-1 & LV 213-2	High-frequency cables for motor vehicles
LV 216-1 & LV 216-2	Shielded high-voltage sheathed cables for motor vehicles and their electrical drives
SAE J-1127	Battery Cable
SAE J-1128	Engineering Society for advanced mobility Land, Sea, Air and Space
JASO D 611:2009	Japanese Automobile Standard



Automotive Cables

FLRY



Construction

Conductor: copper bare according to EN 13602
Core insulation: PVC according to ISO 6722 Class B
Marking: Embossing

Technical Data

Operating voltage: 60V
Temperature range: -40°C to 105°C

Properties

resistant to oil and fuel according to ISO 6722 Tab. 14
 temperature class: B -105°C according to ISO 6722
 self-extinguishing

AVAILABLE
 in different colours and cross sections!

FLRYY



Construction

Conductor: copper bare according to EN 13602
Core insulation: PVC according to ISO 6722
Jacket: PVC according to ISO 6722

Technical Data

Operating voltage: 60V
Temperature range: -40°C to 85°C

Properties

free of paint wetting impairment substance; LABS
 flame retardant according to ISO 6722 no. 12

FLY



Construction

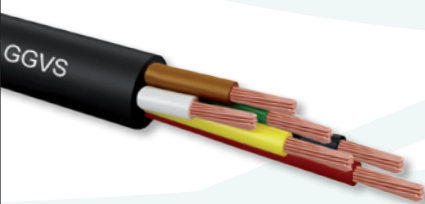
Conductor: copper bare according to EN 13602
Core insulation: PVC according to ISO 6722 Class A
Marking: Embossing

Technical Data

Operating voltage: 60V
Temperature range: -25°C to 85°C

Properties

resistant to oil and fuel according to ISO 6722 Tab. 14
 temperature class: A-85°C according to ISO 6722
 self-extinguishing



ADR approved cables

ADR is a European Directive which regulates the international transportation of hazardous goods, e.g. fuel or other explosive materials on the road.

The cables which are mounted in these vehicles have to comply with certain requirements.

Passing some environmental tests with different chemicals is also compulsory as meeting extended requirements against abrasion.

Our customized ADR- approved FLRYY cables fulfill these special conditions of hazardous material transportation.

FOR EXAMPLE:
 FLRYY ADR 2x0,75mm² or
 customized solution e.g. 2x2,50+1x0,75mm

