



# UL's Evaluation Service of Cable for European Construction Products Regulation (CPR)

Your Opportunity to Expand Globally through our Integrated Services.

Construction Products Regulation (CPR) was announced in the Official Journal of the European Union in 2015 with co-existence period lasts for one year—until CPR requirements become mandatory for cables on July 1, 2017.

It provides unified requirements for reaction to fire for power, control, communications, and optical fiber cables intended for installations in all types of construction works in all EU member states.

Cables are classified by seven performance classes based on their reaction to fire. Additional subclasses are available based on smoke production, flaming droplets and acidity.

In addition to testing, classes are defined by, "Assessment and Verification of Constancy of Performance" (AVCP) systems ranging from 1+ (initial type-testing and factory inspection and assessment of factory production control (FPC) with audit testing of samples by 3rd party notified product certification body), to the lowest AVCP System, 4, only requiring initial type-testing and FPC by manufacturer. The system 1+ would be similar in approach to UL's Safety Certification Scheme.



UL has a long history and expertise in conducting most of the above tests, and we are working with a CPR Notified Body, BASEC, to provide CPR evaluation service.

## Program Benefits

- Reduce time and cost by integrating with other global testing and certification requirements under UL's one-stop solution service
- Seamless support from experienced engineers and technical experts locally, as well as in your target market
- Gain recognition by leveraging UL's 120 years of expertise in delivering world-class fire testing and certification

### Classes, Tests Methods and AVCP Systems

Class	EN ISO 1716	EN 50399	EN 60332-1-2	EN 61034-2	EN 60754-2	AVCP
Aca	R	—	—	—	—	1+
B1ca	—	R	R	O	O	
B2ca	—	R	R	O	O	
Cca	—	R	R	O	O	
Dca	—	R	R	O	O	3
Eca	—	—	R	—	—	
Fca	—	—	R**	—	—	4

R = Required tests O = Optional, additional tests for subclasses.

\*\* = May be carried out by the manufacturer

To apply for CPR evaluation service, or for additional information, please visit [www.UL.com/gmacontact](http://www.UL.com/gmacontact) to find a UL representative in your region.