

Regulation Overview

The purpose of the new regulation is to increase security for people and goods inside buildings.

New regulations for permanently installed LAN and fiber optic cables will take effect in Europe on July 1st, 2017. The purpose of these new regulations is to increase security for the occupants and people and property inside non-critical buildings.

More specifically, all LAN and fiber optic cables sold in Europe after July 1st, 2017 must comply with the EN50575 standard and new Construction Product Regulation (CPR) that defines seven fire Euroclasses levels and three additional compliance criteria.

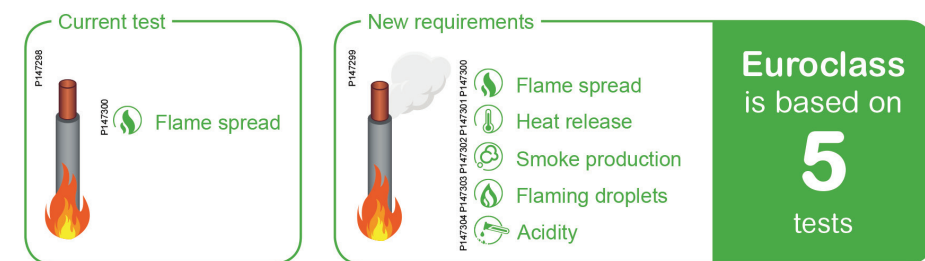
All cables will need to be tested, classified and CE marked per the new CPR mandate. Indication of Euroclass level will be mandatory on the packaging label, a declaration of performance is compulsory for each project.

Schneider Electric has a comprehensive range of cables available to support these requirements.

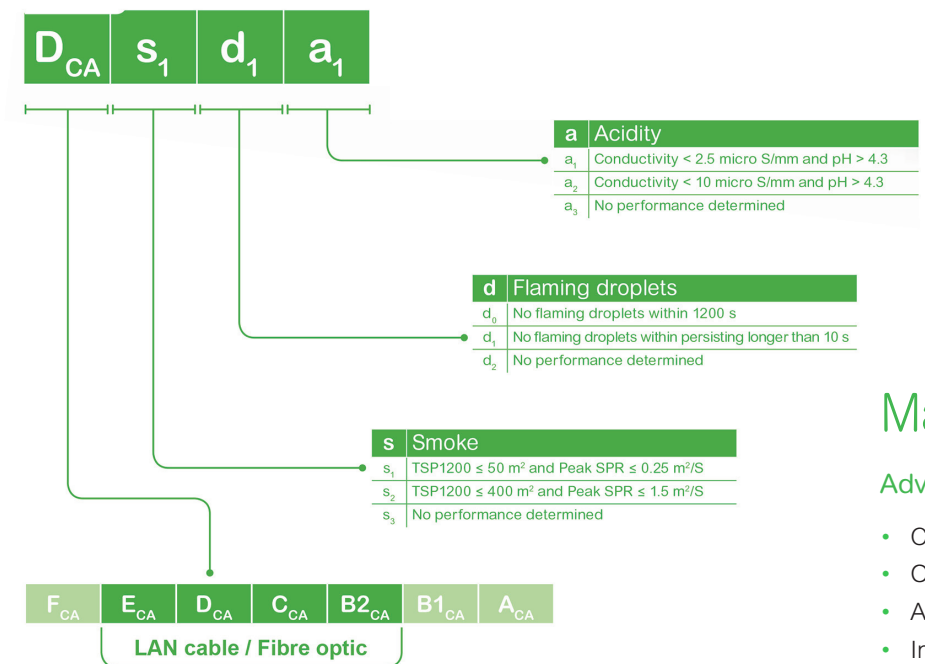
Euroclass Classification



High contribution to fire propagation Low contribution to fire propagation



Example



Make the right choice

Advise customers based on the Building's:

- Construction
- Occupant
- Accessibility
- Installation

Schneider Electric recommendations:

- Promote only cables and fiber optic D_{CA} and C_{CA}
- Promote C_{CA} Euroclass in critical buildings (hospitals, high rises)*

Life Is On | Schneider Electric

New Cabling Regulations for Critical and Non-critical Buildings

A Guide for Compliance

Schneider Electric

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June 2017

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Non-critical Buildings

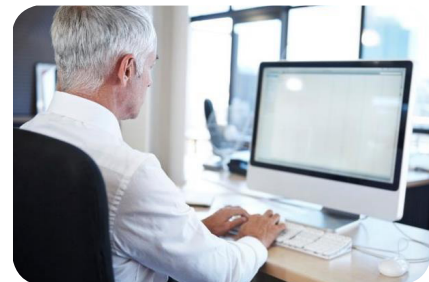
Ensure your cables meet the new construction product regulations

- For all buildings, including office and commercial buildings*
- Products must be tested, classified and CE marked as defined by the regulation
- Euroclass indicates the reaction to the fire level
- Packaging labels must indicated Euroclass level as well as a declaration of performance

Copper cable

Old Ref. Schneider	New Ref. Schneider	Description	CPR Performance
VDIC115118	VDICD115118	CAB LAN UUTP 4P CAT5E 155MHz LSZH 305M	Dca s2d1a1
VDIC115218	VDICD115218	CAB LAN UUTP 4P CAT5E 155MHz LSZH 500M	Dca s2d1a1
VDIC115228	VDICD115228	CAB LAN UUTP 2X4P CAT5E 155MHz LSZH 500M	Dca s2d2a1
VDIC116118	VDICD116118	CAB LAN UUTP 4P CAT6 250MHz LSZH 305M	Dca s2d2a1
VDIC116218	VDICD116218	CAB LAN UUTP 4P CAT6 250MHz LSZH 500M	Dca s2d2a1
VDIC616218	VDICD616218	CAB LAN UUTP 4P CAT6 300MHz LSZH 500M	Dca s2d2a1
VDIC116228	VDICD116228	CAB LAN UUTP 2X4P CAT6 250MHz LSZH 500M	Dca s2d2a1
VDIC60X218	VDICD60X218	CAB LAN UUTP 4P CAT6A 500MHz LSFRZH 500M	Dca s2d2a1
VDIC135118	VDICD135118	CAB LAN FUTP 4P CAT5E 155MHz LSZH 305M	Dca s2d2a1
VDIC135218	VDICD135218	CAB LAN FUTP 4P CAT5E 155MHz LSZH 500M	Dca s2d2a1
VDIC135228	VDICD135228	CAB LAN FUTP 2X4P CAT5E 155MHz LSZH 500M	Dca s2d2a1
VDIC136218	VDICD136218	CAB LAN FUTP 4P CAT6 250MHz LSZH 500M	Dca s2d1a1
VDIC136228	VDICD136228	CAB LAN FUTP 2X4P CAT6 250MHz LSZH 500M	Dca s2d2a1
VDIC176218	VDICD176218	CAB LAN SFTUP 4P CAT6 250MHz LSZH 500M	Dca s2d2a1
VDIC626218	VDICD626218	CAB LAN UFTP 4P CAT6 300MHz LSZH 500M	Dca s2d2a1
VDIC626228	VDICD626228	CAB LAN UFTP 2X4P CAT6 300MHz LSZH 500M	Dca s2d2a1
VDIC626318	VDICD626318	CAB LAN UFTP 4P CAT6 300MHz LSZH 1000M	Dca s2d2a1
VDIC13X218	VDICD13X218	CAB LAN FUTP 4P CAT6A 500MHz LSZH 500M	Dca s2d1a1
VDIC13X228	VDICD13X228	CAB LAN FUTP 2X4P CAT6A 500MHz LSZH 500M	Dca s2d1a1
VDIC13X318	VDICD13X318	CAB LAN FUTP 4P CAT6A 500MHz LSZH 1000M	Dca s2d1a1
VDIC62X218	VDICD62X218	CAB LAN UFTP 4P CAT6A 550MHz LSZH 500M	Dca s2d2a1
VDIC62X228	VDICD62X228	CAB LAN UFTP 2X4P CAT6A 550MHz LSZH 500M	Dca s2d2a1
VDIC62X318	VDICD62X318	CAB LAN UFTP 4P CAT6A 550MHz LSZH 1000M	Dca s2d2a1
	VDIC62X228	CAB LAN UFTP 2X4P CAT6A 550MHz LSFRZH 500M	Cca s1d1a1
	VDIC62X318	CAB LAN UFTP 4P CAT6A 550MHz LSFRZH 1000M	Cca s1d1a1
VDIC63X218	VDICD63X218	CAB LAN FUTP 4P CAT6A 550MHz LSZH 500M	Dca s2d1a1
VDIC63X228	VDICD63X228	CAB LAN FUTP 2X4P CAT6A 550MHz LSZH 500M	Dca s2d1a1
VDIC63X318	VDICD63X318	CAB LAN FUTP 4P CAT6A 550MHz LSZH 1000M	Dca s2d1a1
	VDIC63X218	CAB LAN FUTP 4P CAT6A 550MHz LSFRZH 500M	Cca s1d1a1
	VDIC63X228	CAB LAN FUTP 2X4P CAT6A 550MHz LSFRZH 500M	Cca s1d1a1
	VDIC63X318	CAB LAN FUTP 4P CAT6A 550MHz LSFRZH 1000M	Cca s1d1a1
VDIC64X218	VDICD64X218	CAB LAN FFTP 4P CAT6A 550MHz LSZH 500M	Dca s2d1a1
VDIC64X228	VDICD64X228	CAB LAN FFTP 2X4P CAT6A 550MHz LSZH 500M	Dca s2d2a1
VDIC64X318	VDICD64X318	CAB LAN FFTP 4P CAT6A 550MHz LSZH 1000M	Dca s2d2a1
	VDIC64X228	CAB LAN FFTP 2X4P CAT6A 550MHz LSFRZH 500M	Cca s1d1a1
	VDIC64X318	CAB LAN FFTP 4P CAT6A 550MHz LSFRZH 1000M	Cca s1d1a1
VDIC68X218	VDICD68X218	CAB LAN MX FFTP 4P CAT6A LSZH 500M	Dca s2d1a1
VDIC68X318	VDICD68X318	CAB LAN MX FFTP 4P CAT6A LSZH 1KM	Dca s2d1a1
VDIC68X228	VDICD68X228	CAB LAN MX FFTP 2X4P CAT6A LSZH 500M	Dca s2d1a1
VDIC68X218F01	VDICD68X218	CAB LAN MX FFTP 4P CAT6A LSFRZH 500M	Cca s1d1a1
VDIC68X228F01	VDICD68X228	CAB LAN MX FFTP 2X4P CAT6A LSFRZH 500M	Cca s1d1a1
VDIC68X318F01	VDICD68X318	CAB LAN MX FFTP 4P CAT6A LSFRZH 1KM	Cca s1d1a1
VDIC648218	VDICD648218	CAB LAN FFTP 4P CAT7A 1GHZ LSZH 500M	Dca s2d2a1
VDIC648228	VDICD648228	CAB LAN FFTP 2X4P CAT7A 1GHZ LSZH 500M	Dca s2d2a1
VDIC648318	VDICD648318	CAB LAN FFTP 4P CAT7A 1GHZ LSZH 1000M	Dca s2d2a1
	VDIC648228	CAB LAN FFTP 2X4P CAT7A 1GHZ LSFRZH 500M	Cca s1d1a1
	VDIC648318	CAB LAN FFTP 4P CAT7A 1GHZ LSFRZH 1000M	Cca s1d1a1
VDIC658218	VDICD658218	CAB LAN SFTP 4P CAT7A 1GHZ LSZH 500M	Dca s2d1a1
VDIC658228	VDICD658228	CAB LAN SFTP 2X4P CAT7A 1GHZ LSZH 500M	Dca s2d1a1
VDIC658318	VDICD658318	CAB LAN SFTP 4P CAT7A 1GHZ LSZH 1000M	Dca s2d1a1
VDIC658228F01	VDICD658228	CAB LAN SFTP 2X4P CAT7A 1GHZ LSFRZH 500M	Cca s1d1a1
VDIC658318F01	VDICD658318	CAB LAN SFTP 4P CAT7A 1GHZ LSFRZH 1000M	Cca s1d1a1
306270006	VDICD416118	CAB LAN UUTP 4P CAT 6 305M WHITE	Dca s2d2a1

* Subject to national regulations by EU countries and regions

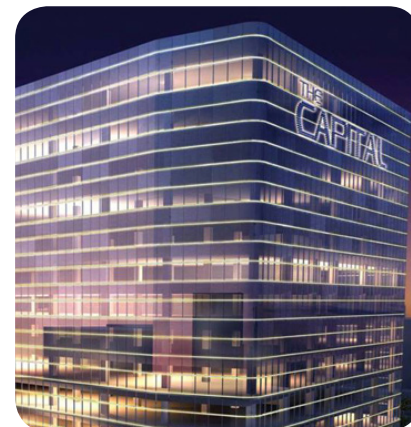


Non critical buildings, office buildings

Fiber cable

Old Ref. Schneider	New Ref. Schneider	Description	CPR Performance
VDIC52306L	VDICD52306L	FO CAB IND OUTDOOR LT OM3 6FO	Dca s2d2a2
VDIC52312L	VDICD52312L	FO CAB IND OUTDOOR LT OM3 12FO	Dca s2d2a2
VDIC52324L	VDICD52324L	FO CAB IND OUTDOOR LT OM3 24FO	Dca s2d2a2
VDIC52406L	VDICD52406L	FO CAB IND OUTDOOR LT OM4 6FO	Dca s2d2a2
VDIC52412L	VDICD52412L	FO CAB IND OUTDOOR LT OM4 12FO	Dca s2d2a2
VDIC52424L	VDICD52424L	FO CAB IND OUTDOOR LT OM4 24FO	Dca s2d2a2
VDIC52504L	VDICD52504L	FO CAB IND OUTDOOR LT OS1 OS2 4FO	Dca s2d2a2
VDIC52506L	VDICD52506L	FO CAB IND OUTDOOR LT OS1 OS2 6FO	Dca s2d2a2
VDIC52508L	VDICD52508L	FO CAB IND OUTDOOR LT OS1 OS2 8FO	Dca s2d2a2
VDIC52512L	VDICD52512L	FO CAB IND OUTDOOR LT OS1 OS2 12FO	Dca s2d2a2
VDIC52524L	VDICD52524L	FO CAB IND OUTDOOR LT OS1 OS2 24FO	Dca s2d2a2
VDIC52302T	VDICD52302T	FO CAB IND OUTDOOR TB OM3 2FO	Dca s2d2a2
VDIC52306T	VDICD52306T	FO CAB IND OUTDOOR TB OM3 6FO	Dca s2d2a2
VDIC52312T	VDICD52312T	FO CAB IND OUTDOOR TB OM3 12FO	Dca s2d2a2
VDIC52324T	VDICD52324T	FO CAB IND OUTDOOR TB OM3 24FO	Dca s2d2a2
VDIC52406T	VDICD52406T	FO CAB IND OUTDOOR TB OM4 6FO	Dca s2d2a2
VDIC52412T	VDICD52412T	FO CAB IND OUTDOOR TB OM4 12FO	Dca s2d2a2
VDIC52424T	VDICD52424T	FO CAB IND OUTDOOR TB OM4 24FO	Dca s2d2a2
VDIC52506T	VDICD52506T	FO CAB IND OUTDOOR TB OS1 OS2 6FO	Dca s2d2a2
VDIC52512T	VDICD52512T	FO CAB IND OUTDOOR TB OS1 OS2 12FO	Dca s2d2a2
VDIC52524T	VDICD52524T	FO CAB IND OUTDOOR TB OS1 OS2 24FO	Dca s2d2a2
VDIC42306L	VDICD42306L	FO CAB IND OUTDOOR LT OM3 6FO	Dca s2d2a2
VDIC42312L	VDICD42312L	FO CAB IND OUTDOOR LT OM3 12FO	Dca s2d2a2
VDIC42324L	VDICD42324L	FO CAB IND OUTDOOR LT OM3 24FO	Dca s2d2a2
VDIC42506L	VDICD42506L	FO CAB IND OUTDOOR LT OS1 OS2 6FO	Dca s2d2a2
VDIC42512L	VDICD42512L	FO CAB IND OUTDOOR LT OS1 OS2 12FO	Dca s2d2a2
VDIC42524L	VDICD42524L	FO CAB IND OUTDOOR LT OS1 OS2 24FO	Dca s2d2a2
VDIC42306T	VDICD42306T	FO CAB IND OUTDOOR TB OM3 6FO	Dca s2d2a2
VDIC42312T	VDICD42312T	FO CAB IND OUTDOOR TB OM3 12FO	Dca s2d2a2
VDIC42324T	VDICD42324T	FO CAB IND OUTDOOR TB OM3 24FO	Dca s2d2a2
VDIC42506T	VDICD42506T	FO CAB IND OUTDOOR TB OS1 OS2 6FO	Dca s2d2a2
VDIC42512T	VDICD42512T	FO CAB IND OUTDOOR TB OS1 OS2 12FO	Dca s2d2a2
VDIC42524T	VDICD42524T	FO CAB IND OUTDOOR TB OS1 OS2 24FO	Dca s2d2a2
VDIC52306LM	VDICD52306LM	FO CAB IND OUTDOOR LT OM3 6FO	Dca s2d2a2
VDIC52312LM	VDICD52312LM	FO CAB IND OUTDOOR LT OM3 12FO	Dca s2d2a2
VDIC52324LM	VDICD52324LM	FO CAB IND OUTDOOR LT OM3 24FO	Dca s2d2a2
VDIC52406LM	VDICD52406LM	FO CAB IND OUTDOOR LT OM4 6FO	Dca s2d2a2
VDIC52412LM	VDICD52412LM	FO CAB IND OUTDOOR LT OM4 12FO	Dca s2d2a2
VDIC52424LM	VDICD52424LM	FO CAB IND OUTDOOR LT OM4 24FO	Dca s2d2a2
VDIC52504LM	VDICD52504LM	FO CAB IND OUTDOOR LT OS1 OS2 4FO	Dca s2d2a2
VDIC52506LM	VDICD52506LM	FO CAB IND OUTDOOR LT OS1 OS2 6FO	Dca s2d2a2
VDIC52508LM	VDICD52508LM	FO CAB IND OUTDOOR LT OS1 OS2 8FO	Dca s2d2a2
VDIC52512LM	VDICD52512LM	FO CAB IND OUTDOOR LT OS1 OS2 12FO	Dca s2d2a2
VDIC52524LM	VDICD52524LM	FO CAB IND OUTDOOR LT OS1 OS2 24FO	Dca s2d2a2
VDIC52302TM	VDICD52302TM	FO CAB IND OUTDOOR TB OM3 2FO	Dca s2d2a2
VDIC52306TM	VDICD52306TM	FO CAB IND OUTDOOR TB OM3 6FO	Dca s2d2a2
VDIC52312TM	VDICD52312TM	FO CAB IND OUTDOOR TB OM3 12FO	Dca s2d2a2
VDIC52324TM	VDICD52324TM	FO CAB IND OUTDOOR TB OM3 24FO	Dca s2d2a2
VDIC52406TM	VDICD52406TM	FO CAB IND OUTDOOR TB OM4 6FO	Dca s2d2a2
VDIC52412TM	VDICD52412TM	FO CAB IND OUTDOOR TB OM4 12FO	Dca s2d2a2
VDIC52424TM	VDICD52424TM	FO CAB IND OUTDOOR TB OM4 24FO	Dca s2d2a2
VDIC52506TM	VDICD52506TM	FO CAB IND OUTDOOR TB OS1 OS2 6FO	Dca s2d2a2
VDIC52512TM	VDICD52512TM	FO CAB IND OUTDOOR TB OS1 OS2 12FO	Dca s2d2a2
VDIC52524TM	VDICD52524TM	FO CAB IND OUTDOOR TB OS1 OS2 24FO	Dca s2d2a2

* Subject to national regulations by EU countries and regions



Euroclass
D_{CA}

Euroclass
D_{CA}

Critical Buildings

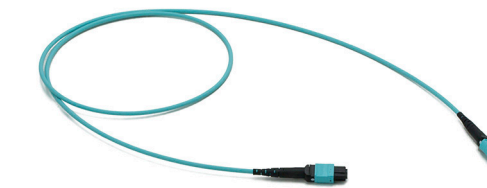
Recommended for Data Center, Hospitals and other critical buildings



Copper cable

Old Ref. Schneider	New Ref. Schneider	Description	CPR Performance
	VDICC62X218	Cable U/FTP 2x4P 100Ohms Cat. 6A 550Mhz LSFRZH 500m	Cca s1d1a1
	VDICC62X318	Cable U/FTP 4P 100Ohms Cat. 6A 550Mhz LSFRZH 1000m	Cca s1d1a1
	VDICC63X218	Cable F/FTP 4P 100Ohms Cat. 6A 550Mhz LSFRZH 550m	Cca s1d1a1
	VDICC63X228	Cable F/FTP 2x4P 100Ohms Cat. 6A 550Mhz LSFRZH 550m	Cca s1d1a1
	VDICC63X318	Cable F/FTP 4P 100Ohms Cat. 6A 550Mhz LSFRZH 1000m	Cca s1d1a1
	VDICC64X228	Cable F/FTP 2x4P 100Ohms Cat. 6A 550Mhz LSFRZH 550m	Cca s1d1a1
	VDICC64X318	Cable F/FTP 4P 100Ohms Cat. 6A 550Mhz LSFRZH 1000m	Cca s1d1a1
VDIC68X218F01	VDICC68X218	Cab LAN MX F/FTP 4P CAT6A LSFRZH 500m	Cca s1d1a1
VDIC68X228F01	VDICC68X228	Cab LAN MX F/FTP 4P CAT6A LSFRZH 500m	Cca s1d1a1
VDIC68X318F01	VDICC68X318	Cab LAN MX F/FTP 4P CAT6A LSFRZH 1000m	Cca s1d1a1
	VDICC648228	Cable F/FTP 2x4P 100Ohms Cat. 7A 1000Mhz LSFRZH 500m	Cca s1d1a1
	VDICC648318	Cable F/FTP 4P 100Ohms Cat. 7A 1000Mhz LSFRZH 1000m	Cca s1d1a1
VDIC658228F01	VDICC658228	Cable F/FTP 2x4P 100Ohms Cat. 7A 1000Mhz LSFRZH 500m white	Cca s1d1a1
VDIC658318F01	VDICC658318	Cable F/FTP 4P 100Ohms Cat. 7A 1000Mhz LSFRZH 1000m white	Cca s1d1a1

Euroclass
C_{CA}



Pre-terminated fiber optics

Performance	Connector MTP	MTP	Ref. No. (xxx: length in meters)
OM3	1 x 12	1 x 12	VDILL034C4C0xxx
	1 x 24	1 x 24	VDILL034K4K0xxx
	2 x 12	2 x 12	VDILL034K4D0xxx
OM4	1 x 12	1 x 12	VDILL044C4C0xxx
	1 x 24	1 x 24	VDILL044K4K0xxx
	2 x 12	2 x 12	VDILL044K4D0xxx
082	1 x 12	1 x 12	VDILL064C4C0xxx
	1 x 24	1 x 24	VDILL064K4K0xxx
	2 x 12	2 x 12	VDILL064K4D0xxx
	2 x 12		VDILL064D4D0xxx

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