

Quality time!

With cables as reliable as E-YY, you'll find peace of mind.



Prysmian
Group

Linking
the Future

*E-YY – simple,
sturdy and safe.*



With cables as reliable as E-YY you'll find piece of mind.

Why make it difficult when you don't have to? Flexible and lightweight E-YY is dead easy to install. Being the ideal power distribution cable for fixed installations – as well as the most popular and reliable choice on the market – you can rest assured you'll soon be planning on what to do with all the extra time you'll get.

E-YY

Application

CPR-compliant E-YY is the reliable choice for fixed installations (preferably in cable ducts), indoors as well as outdoors, dropped in water or buried underground if no mechanical damage is to be expected. E-YY is a very dependable power distribution cable for power stations, industrial facilities and switching stations as well as for local power networks.

E-YY is made of PVC, or Polyvinyl chloride, a very adaptable and flexible material common in various types of equipment. Thanks to the tensile strength in combination with flexibility, light weight, good conductivity properties and ease of jointing, PVC cables are often used in areas such as house wiring, home appliances, instrumentation cables and power supply solutions.



MAIN FEATURES

- ✓ CPR compliant, class E_{ca}
- ✓ Flexible and lightweight for easy installation
- ✓ Operational from -40 °C to +70 °C
- ✓ Suitable for use indoors and outdoors
- ✓ Can be laid in water and buried in the ground

Available 24/7

Odd hours or working hours, our products are now within a click's reach whenever you need it. Complete with all relevant data about our cables, the web catalogue is there for the taking.

www.ro-catalogue.prysmiangroup.com





E-YY 0.6/1 kV CPR E	
Global data	
Type designation	E-YY
Standard	ÖVE/ÖNORM E 8200-603
Fire performance	EN 60332-1-2
CPR class	E _{ca}
Design features	
Conductor	Copper
Insulation	Polyvinyl chloride (PVC)
Core identification	Acc. HD 308 S2
Outer sheath	Polyvinyl chloride (PVC)
Outer sheath colour	Black
Cable shape	Round
Electrical parameters	
Rated voltage U ₀ /U (Um)	0.6/1 (1.2) kV
Test voltage	3.5 kV
Usage characteristics	
Outdoor installation	Yes
Underground installation	Yes
Suitable as installation cable	Yes
UV resistant	Yes
Lead free	Yes
Bending radius – during installation	15 x D single-core cables, 12 x D multi-cores cables
Thermal parameters	
Max. conductor temperature	70 °C
Max. conductor temperature at short circuit	160 °C
Ambient temp. fix installation (min.)	-40 °C
Ambient temp. fix installation (max.)	70 °C
Laying temperature (min.)	-5 °C
Laying temperature (max.)	50 °C

Please check our homepage: www.prysmiangroup.ro for more details.

Available
on drums
and coils.

E-YY 0.6/1 kV CPR E

Number of cores x cross section	Art. Des. 0/J	Nom. outer diameter [mm]	Weight (approx.) [kg/km]	Short circuit current (1 sec) [kA]
1x16	-0	10.0	236	1.94
2x1.5	-0	9.0	128	0.21
2x2.5	-0	9.7	160	0.33
2x4	-0	11.5	231	0.51
2x6	-0	12.4	289	0.75
3x1.5	-0	9.4	146	0.21
3x1.5	-J	9.4	146	0.21
3x2.5	-0	10.2	186	0.33
3x2.5	-J	10.2	186	0.33
3x4	-0	12.1	273	0.51
3x4	-J	12.1	273	0.51
3x6	-0	13.1	348	0.75
3x6	-J	13.1	348	0.75
3x10	-0	15.7	532	1.23
3x16	-0	18.1	770	1.94
3x16	-J	18.1	775	1.94
4x1.5	-0	10.1	172	0.21
4x1.5	-J	10.1	172	0.21

E-YY 0.6/1 kV CPR E

Number of cores x cross section	Art. Des. 0/J	Nom. outer diameter [mm]	Weight (approx.) [kg/km]	Short circuit current (1 sec) [kA]
4x2.5	-0	11.0	222	0.33
4x2.5	-J	11.0	222	0.33
4x4	-0	13.1	329	0.51
4x4	-J	13.1	329	0.51
4x6	-0	14.5	436	0.75
4x6	-J	14.8	441	0.75
4x10	-J	17.3	660	1.23
4x16	-J	20.7	1010	1.94
5x1.5	-0	10.9	199	0.21
5x1.5	-J	10.9	198	0.21
5x2.5	-J	11.9	259	0.33
5x4	-J	14.3	385	0.51
5x6	-J	15.6	512	0.75
5x10	-J	18.9	815	1.23
5x16	-J	21.9	1186	1.94

More cross sections available upon request.
For quotations don't hesitate to contact our sales team.

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