



PRODUCT CATALOG

21.11.2013

About us

Zakład Przewodów i Kabli “Elktrim” operates in the Special Economic Zone since 1998. Our advantage is over 15-years of experience in the production of electric wires and power cables.

The company has implemented and certified Quality Management System ISO 9001:2008 for the production of wires and cables which is a guarantee of stability and reproducibility of the production process.

A modernity measure of our company is a high technical level used in the production process and not disturbing environment. Meeting technical standards ensure the highest quality final product.

The wires of our company are manufactured in accordance with the requirements of european and national standards which is confirmed by certificates. One of the main tasks are quickly and timely deliveries of products which allow us to meet the expectations of the most demanding customers.

TUV NORD

CERTIFICATE

The Certification Body
TÜV NORD Polska Sp. z o.o.

hereby certifies that the organization

**Zakład Przewodów i Kabli
EŁKTRIM Witold Marek Styliński**
ul. Dojazdowa 4, PL / 19-300 Elk

has established and applies a
quality management system for:

Production of wires and cables.

Fulfillment of requirements according to standard listed below

was proved during an audit

PN-EN ISO 9001 : 2009

Certificate Registration No.: **AC090 100/0436/1068/2013**

Valid until: **06-06-2016**

Initial certification: 2004

Katowice, 05-06-2013



AC 090
QMS

Shutecki

Manager of Certification Body
TÜV NORD Polska Sp. z o.o.
ul. Mickiewicza 29, PL/ 40-085 Katowice

Cable for fixed wiring

DY, H05V-U, H07V-U ... 4

DYc, H05V2-U, H07V2-U ... 5

H05V-R, H07V-R ... 6

LYc, H05V2-R, H07V2-R ... 7

LgY, H05V-K, H07V-K ... 8

LgYc, H05V2-K, H07V2-K ... 9

YDY ... 10

YnDY ... 11

YDYp... 12

YnDYp ... 13

YDYt ... 14

NYM-J, NYM-O ... 15

Cable for mobile and portable receivers:

H03VV-F ... 16

H03VVH2-F ... 17

H05VV-F, ELO5VV-F ... 18

Electrical power cables up to 1 kV

YKY ... 19

YnKY ... 20

CATALOG

DY | H05V-U | H07V-U

No. of cores x cross-section cores DY (n x mm ²)	No. of cores x cross-section cores H05V-U, H07V-U (n x mm ²)	Rated Voltage (V)	Standard length packing (m)	Weight (kg/km)
1 x 0,5	1 x 0,5	300/500	200	8
1 x 0,75	1 x 0,75	300/500	200	10
1 x 1	1 x 1	300/500	200	13
1 x 1,5	-	300/500	100	18
1 x 2,5	-	300/500	100	27
1 x 4	-	300/500	100	43
1 x 1	-	450/750	200	15
1 x 1,5	1 x 1,5	450/750	100	20
1 x 2,5	1 x 2,5	450/750	100	29
1 x 4	1 x 4	450/750	100	46
1 x 6	1 x 6	450/750	100	64
1 x 10	1 x 10	450/750	100	105



TECHNICAL DATA

Single core cable

STANDARD:

PN-EN 50525-2-31:2011

ZW-003:2013

PN-EN 50521-1:2011

RATED VOLTAGE

300/500 V 450/750 V

TEMPERATURE RANGE

(-30°C to +70°C)

COLOUR OF INSULATION

PN-87/E-90050

PN-HD 308 S2:2007(U)

CONSTRUCTION

Plain copper conductors class 1 according to
PN-EN 60228:2007

PVC insulation

Colour of insulation:

- green-yellow
- brown, black, red, violet, blue other colors
available by arrangement with the customer

APPLICATION

Cables are designed for fixed installation, in control
and signal net, installed in protective pipes and inside
electrical apparatus.

Constantly secured connection in the internal de-
vice and internal or outside lighting fixtures.



TECHNICAL DATA

Single core cable

STANDARD:

PN-EN 50525-2-31:2011

ZW-003:2013

PN-EN 50521-1:2011

RATED VOLTAGE

300/500V 450/750 V

TEMPERATURE RANGE

(-20°C do + 105°C)

COLOUR OF INSULATION

PN-87/E-90050

PN-HD 308 S2:2007(U)

No. of cores x cross-section cores DYc (n x mm ²)	No. of cores x cross-section cores H05V2-U, H07V2-U (n x mm ²)	Rated Voltage (V)	Standard length coil (m)	Weight (kg/km)
1 x 0,5	1 x 0,5	300/500	200	8
1 x 0,75	1 x 0,75	300/500	200	10
1 x 1	1 x 1	300/500	200	13
1 x 1,5	-	300/500	100	18
1 x 2,5	-	300/500	100	27
1 x 4	-	300/500	100	43
1 x 0,5	-	450/750	200	8
1 x 0,75	-	450/750	200	11
1 x 1	-	450/750	200	15
1 x 1,5	1 x 1,5	450/750	100	20
1 x 2,5	1 x 2,5	450/750	100	29
1 x 4	-	450/750	100	46
1 x 6	-	450/750	100	64
1 x 10	-	450/750	100	105

CONSTRUCTION

Plain copper conductors class 1 according to

PN-EN 60228:2007

PVC insulation (heat resistant)

Colour of insulation:

-green-yellow

-brown, black, red, violet, blue other colors
available by arrangement with the customer

APPLICATION

According to the standard

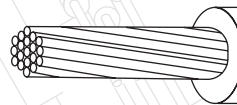
PN-HD 516 S2:2003/A2:2008

For internal connections and fixed secured
installation inside device and interior lighting
fixtures.

CATALOG

H05V-R | H07V-R

No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
1 x 0,5	300/500	200	8
1 x 0,75	300/500	200	10
1 x 1	300/500	200	12
1 x 1,5	450/750	100	20
1 x 2,5	450/750	100	31
1 x 4	450/750	100	48
1 x 6	450/750	100	68
1 x 10	450/750	100	115
1 x 16	450/750	100	174
1 x 25	450/750	100	268



TECHNICAL DATA

Single core cable

HARMONIZED STANDARD:

PN-EN 50525-2-31:2011

RATED VOLTAGE

300/500 V 450/750 V

TEMPERATURE RANGE

(-30°C do + 70°C)

COLOUR OF INSULATION

PN-HD 308 S2:2007(U)

CONSTRUCTION

Stranded copper wires class 2 according to

PN-EN 60228:2007

PVC insulation

Color of insulation

-green-yellow

-brown, black, red, violet, blue other colors

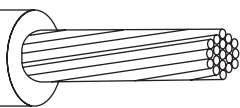
available by arrangement with the customer

APPLICATION

According to the standard

PN-HD 516 S2:2003/A2:2008

Cables are designed for fixed installation, in control and signal net, installed in protective pipes and inside electrical apparatus.



TECHNICAL DATA

Single core cable

STANDARD:

PN-EN 50525-2-31:2011

ZW-003:2013

PN-EN 50521-1:2011

RATED VOLTAGE

300/500 V

450/750 V

TEMPERATURE RANGE

(-15°C do + 105°C)

COLOUR OF INSULATION

PN-HD 308 S2:2007(U)

CONSTRUCTION

Stranded copper wires class 2 according to

PN-EN 60228:2007

PVC insulation (heat resistant)

Color of insulation

-green-yellow

-brown,black, red, violet, blue other colors
available by arrangement with the customer

APPLICATION

PN-HD 516 S2:2003/A2:2008

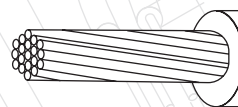
Cables for fixed wiring in the areas under and on the plaster in installations exposed to higher temperatures.

No. of cores x cross-section cores LYc (n x mm ²)	No. of cores x cross-section cores H05V2-R, H07V2-R (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
1 x 0,35	-	300/500	200	6
1 x 0,5	1 x 0,5	300/500	200	8
1 x 0,75	1 x 0,75	300/500	200	10
1 x 1	1 x 1	300/500	200	14
1 x 1,5	-	300/500	100	22
1 x 2,5	-	300/500	100	33
1 x 0,35	-	450/750	200	8
1 x 0,5	-	450/750	200	10
1 x 0,75	-	450/750	200	12
1 x 1	-	450/750	200	16
1 x 1,5	1 x 1,5	450/750	100	23
1 x 2,5	1 x 2,5	450/750	100	34
1 x 4	1 x 4	450/750	100	51
1 x 6	1 x 6	450/750	100	70
1 x 10	1 x 10	450/750	100	118
1 x 16	1 x 16	450/750	100	180
-	1 x 25	450/750	100	259
-	1 x 35	450/750	100	352

CATALOG

LgY | H05V-K | H07V-K

No. of cores x cross-section cores LgY (n x mm ²)	No. of cores x cross-section cores H05V-K, H07V-K (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
1 x 0,5	1 x 0,5	300/500	200	7
1 x 0,75	1 x 0,75	300/500	200	10
1 x 1	1 x 1	300/500	200	13
1 x 1,5	-	300/500	200	18
1 x 2,5	-	300/500	100	30
1 x 1	-	450/750	100	14
1 x 1,5	1 x 1,5	450/750	200	19
1 x 2,5	1 x 2,5	450/750	100	32
1 x 4	1 x 4	450/750	100	46
1 x 6	1 x 6	450/750	100	69
1 x 10	1 x 10	450/750	100	112
1 x 16	1 x 16	450/750	100	183
1 x 25	1 x 25	450/750	100	281
1 x 35	1 x 35	450/750	100	329
1 x 50	1 x 50	450/750	100	506
-	1 x 70	450/750	100	722
-	1 x 95	450/750	100	948
-	1 x 120	450/750	100	1206
-	1 x 150	450/750	100	1379
-	1 x 185	450/750	100	1761
-	1 x 240	450/750	100	2288



TECHNICAL DATA

Single core cable

STANDARD:
 PN-EN 50525-2-31:2011
 ZW-003:2013
 PN-EN 50521-1:2011

RATED VOLTAGE
 300/500V, 450/750 V

TEMPERATURE RANGE:
 FIXED INSTALLATION:
 (-30°C do + 70°C)

INSTALLATION FOR MOBILE RECEIVERS:
 (-10°C do + 70°C)

COLOUR OF INSULATION
 PN-87/E-90050 PN-
 HD 308 S2:2007(U)

CONSTRUCTION

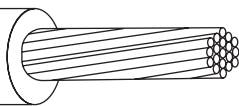
Stranded copper wires class 5 according to
 PN-EN 60228:2007

PVC insulation

Color of insulation
 -green-yellow
 -brown, black, red, violet, blue other colors
 available by arrangement with the customer

APPLICATION

PN-HD 516 S2:2003/A2:2008
 Cables for fixed wiring generally used in all types of
 control cabinets switchgear, automation equipment
 in installations inside buildings Used in places
 where it is necessary to many short sections and in
 places where conditions require many small
 bending radius for cables.



TECHNICAL DATA

Single core cable

STANDARD:

PN-EN 50525-2-31:2011

ZW-003:2013

PN-EN 50521-1:2011

RATED VOLTAGE

300/500V, 450/750 V

TEMPERATURE RANGE:

(-20°C do + 105°C)

COLOUR OF INSULATION

wg PN-87/E-90050

PN-HD 308 S2:2007(U)

CONSTRUCTION

Stranded copper wires class 5 according to
PN-EN 60228:2007

PVC insulation (heat resistant)

Colour of insulation

-green-yellow

-brown, black, red, violet, blue other colors

available by arrangement with the customer

APPLICATION

PN-HD 516 S2:2003/A2:2008

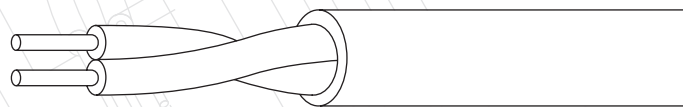
Wiring cable for mobile element connections inside
the machines, instruments and apparatus exposed to
higher temperatures.

No. of cores x cross-section cores LgYc (n x mm ²)	No. of cores x cross-section cores H05V2-K, H07V2-K (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
1 x 0,35	-	300/500	200	6
1 x 0,5	1 x 0,5	300/500	200	7
1 x 0,75	1 x 0,75	300/500	200	10
1 x 1	1 x 1	300/500	200	13
1 x 1,5	-	300/500	100	18
1 x 2,5	-	300/500	100	30
1 x 0,35	-	450/750	200	6
1 x 0,5	-	450/750	200	8
1 x 0,75	-	450/750	200	11
1 x 1	-	450/750	200	14
1 x 1,5	1 x 1,5	450/750	100	19
1 x 2,5	1 x 2,5	450/750	100	32
1 x 4	1 x 4	450/750	100	46
1 x 6	1 x 6	450/750	100	69
1 x 10	1 x 10	450/750	100	112
1 x 16	1 x 16	450/750	100	183
-	1 x 25	450/750	100	281
-	1 x 35	450/750	100	329

CATALOG

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No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
1 x 1	450/750	100	39
1 x 1,5	450/750	100	45
1 x 2,5	450/750	100	59
1 x 4	450/750	100	80
1 x 6	450/750	100	105
1 x 10	450/750	100	155
2 x 1	450/750	100	78
2 x 1,5	450/750	100	98
2 x 2,5	450/750	100	132
2 x 4	450/750	100	183
2 x 6	450/750	100	233
2 x 10	450/750	100	389
3 x 1	450/750	100	95
3 x 1,5	450/750	100	109
3 x 2,5	450/750	100	153
3 x 4	450/750	100	218
3 x 6	450/750	100	204
3 x 10	450/750	100	463
4 x 1	450/750	100	110
4 x 1,5	450/750	100	141
4 x 2,5	450/750	100	197
4 x 4	450/750	100	280
4 x 6	450/750	100	401
4 x 10	450/750	100	616
5 x 1	450/750	100	133
5 x 1,5	450/750	100	170
5 x 2,5	450/750	100	234
5 x 4	450/750	100	352
5 x 6	450/750	100	475
5 x 10	450/750	100	731



TECHNICAL DATA

Round conductor

STANDARD:

PN-87/E-90056

PN-EN 50525-1:2011

RATED VOLTAGE

450/750 V

TEMPERATURE RANGE:

(-30°C do + 70°C)

COLOUR OF INSULATION

PN-HD 308 S2:2007

CONSTRUCTION

Plain copper conductors class 1 according to
PN-EN 60228:2007

PVC insulation

PVC sheath

Colour of insulation

2-core: blue,brown

3-core: blue, green-yellow, brown

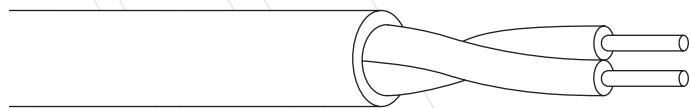
4-core: black, brown, green-yellow, grey

4-core: black, blue,brown, grey

5-core: black, brown, green-yellow, grey,blue

APPLICATION

Cable for fixed installation without additional cover against mechanical damage on and under plaster in dry also wet and permanent installation in power equipment.



TECHNICAL DATA

Round conductor

STANDARD:

PN-87/E-90056

PN-EN 50525-1:2011

PN-EN 60332-1-1:2010

RATED VOLTAGE

450/750 V

TEMPERATURE RANGE:

(-30°C do + 70°C)

COLOUR OF INSULATION

PN-HD 308 S2:2007

CONSTRUCTION

Plain copper conductors class 1 according to

PN-EN 60228:2007

PVC insulation

Special PVC sheath (no-spreading flame ,
self-extinguishing)

Colour of insulation

2-core: blue,brown

3-core: blue, green-yellow, brown

4-core: black, brown, green-yellow, grey

4-core: black, blue,brown, grey

5-core: black, brown, green-yellow, grey,blue

No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
1 x 1	450/750	100	39
1 x 1,5	450/750	100	45
1 x 2,5	450/750	100	59
1 x 4	450/750	100	80
1 x 6	450/750	100	105
1 x 10	450/750	100	155
2 x 1	450/750	100	78
2 x 1,5	450/750	100	98
2 x 2,5	450/750	100	132
2 x 4	450/750	100	183
2 x 6	450/750	100	233
2 x 10	450/750	100	389
3 x 1	450/750	100	95
3 x 1,5	450/750	100	109
3 x 2,5	450/750	100	153
3 x 4	450/750	100	218
3 x 6	450/750	100	204
3 x 10	450/750	100	463
4 x 1	450/750	100	110
4 x 1,5	450/750	100	141
4 x 2,5	450/750	100	197
4 x 4	450/750	100	280
4 x 6	450/750	100	401
4 x 10	450/750	100	616
5 x 1	450/750	100	133
5 x 1,5	450/750	100	170
5 x 2,5	450/750	100	234
5 x 4	450/750	100	352
5 x 6	450/750	100	475
5 x 10	450/750	100	731

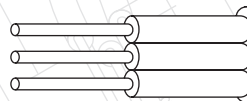
APPLICATION

Cable for fixed installation without additional cover
against mechanical damage on and under plaster in dry
also wet places where are occur stringent fire protec-
tion requirements.

CATALOG

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No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
2 x 0,5	300/500	100	33
2 x 0,75	300/500	100	39
2 x 1	300/500	100	48
2 x 1,5	300/500	100	57
2 x 2,5	300/500	100	86
2 x 4	300/500	100	118
2 x 6	300/500	100	164
3 x 0,5	300/500	100	45
3 x 0,75	300/500	100	53
3 x 1	300/500	100	80
3 x 1,5	300/500	100	81
3 x 2,5	300/500	100	115
3 x 4	300/500	100	172
3 x 6	300/500	100	240
4 x 0,5	300/500	100	59
4 x 0,75	300/500	100	66
4 x 1	300/500	100	85
4 x 1,5	300/500	100	111
4 x 2,5	300/500	100	155
4 x 4	300/500	100	226
4 x 6	300/500	100	316
2 x 1	450/750	100	60
2 x 1,5	450/750	100	70
2 x 2,5	450/750	100	104
2 x 4	450/750	100	154
2 x 6	450/750	100	196
2 x 10	450/750	100	274
3 x 1	450/750	100	80
3 x 1,5	450/750	100	112
3 x 2,5	450/750	100	146
3 x 4	450/750	100	204
3 x 6	450/750	100	279
3 x 10	450/750	100	417
4 x 1	450/750	100	114
4 x 1,5	450/750	100	141
4 x 2,5	450/750	100	192
4 x 4	450/750	100	262
4 x 6	450/750	100	371
4 x 10	450/750	100	556
5 x 1	450/750	100	135
5 x 1,5	450/750	100	165
5 x 2,5	450/750	100	232
5 x 4	450/750	100	340
5 x 6	450/750	100	476
5 x 10	450/750	100	728



TECHNICAL DATA

FLAT CABLE

STANDARD:

PN-87/E-90060

PN-EN 50525-1:2011

RATED VOLTAGE

300/500 V, 450/750 V

TEMPERATURE RANGE:

(-30°C do + 70°C)

COLOUR OF INSULATION

wg PN-HD 308 S2:2007

CONSTRUCTION

Plain copper conductors class 1 according to

PN-EN 60228:2007

PVC insulation

PVC sheath

Colour of insulation

2-core: blue,brown

3-core: blue, green-yellow, brown

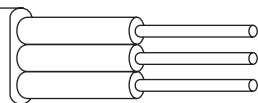
4-core: black, brown, green-yellow, grey

4-core: black, blue,brown, grey

5-core: black, brown, green-yellow, grey,blue

APPLICATION

Cable for fixed installation without additional cover against mechanical damage on and under plaster in dry also wet places.



TECHNICAL DATA

FLAT CABLE

STANDARD:

PN-87/E-90060

PN-EN 50525-1:2011

PN-EN 60332-1-1:2010

RATED VOLTAGE

300/500 V, 450/750 V

TEMPERATURE RANGE:

(-30°C do + 70°C)

COLOUR OF INSULATION

PN-HD 308 S2:2007

CONSTRUCTION

Plain copper conductors class 1 according to

PN-EN 60228:2007

PVC insulation

Special PVC sheath (no-spreading flame , self-extinguishing)

Colour of insulation

2-core: blue,brown

3-core: blue, green-yellow, brown

4-core: black, brown, green-yellow, grey

4-core: black, blue,brown, grey

5-core: black, brown, green-yellow, grey,blue

APPLICATION

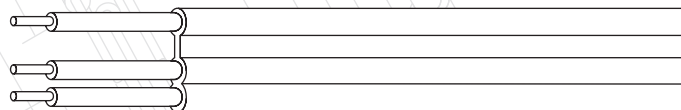
Cable for fixed installation without additional cover against mechanical damage on and under plaster in dry also wet places and for building installation where are occur stringent fire protection requirements.

No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
2 × 0,5	300/500	100	33
2 × 0,75	300/500	100	39
2 × 1	300/500	100	48
2 × 1,5	300/500	100	57
2 × 2,5	300/500	100	86
2 × 4	300/500	100	118
2 × 6	300/500	100	164
3 × 0,5	300/500	100	45
3 × 0,75	300/500	100	53
3 × 1	300/500	100	80
3 × 1,5	300/500	100	81
3 × 2,5	300/500	100	115
3 × 4	300/500	100	172
3 × 6	300/500	100	240
4 × 0,5	300/500	100	59
4 × 0,75	300/500	100	66
4 × 1	300/500	100	85
4 × 1,5	300/500	100	111
4 × 2,5	300/500	100	155
4 × 4	300/500	100	226
4 × 6	300/500	100	316
2 × 1	450/750	100	60
2 × 1,5	450/750	100	70
2 × 2,5	450/750	100	104
2 × 4	450/750	100	154
2 × 6	450/750	100	196
2 × 10	450/750	100	274
3 × 1	450/750	100	80
3 × 1,5	450/750	100	112
3 × 2,5	450/750	100	146
3 × 4	450/750	100	204
3 × 6	450/750	100	279
3 × 10	450/750	100	417
4 × 1	450/750	100	114
4 × 1,5	450/750	100	141
4 × 2,5	450/750	100	192
4 × 4	450/750	100	262
4 × 6	450/750	100	371
4 × 10	450/750	100	556
5 × 1	450/750	100	135
5 × 1,5	450/750	100	165
5 × 2,5	450/750	100	232
5 × 4	450/750	100	340
5 × 6	450/750	100	476
5 × 10	450/750	100	728

CATALOG

YDY t

No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
2 x 1	300/500	100	45
2 x 1,5	300/500	100	64
2 x 2,5	300/500	100	85
3 x 1	300/500	100	64
3 x 1,5	300/500	100	85
3 x 2,5	300/500	100	128
2 x 1	450/750	100	83
2 x 1,5	450/750	100	77
2 x 2,5	450/750	100	114
3 x 1	450/750	100	119
3 x 1,5	450/750	100	114
3 x 2,5	450/750	100	165



TECHNICAL DATA

FLAT CABLE

STANDARD:

PN-87/E-90060

PN-EN 50525-1:2011

RATED VOLTAGE

300/500 V, 450/750 V

TEMPERATURE RANGE:

(-30°C do + 70°C)

COLOUR OF INSULATION

PN-HD 308 S2:2007

CONSTRUCTION

Plain copper conductors class 1 according to
PN-EN 60228:2007

PVC insulation

PVC sheath

Colour of insulation

2-core: blue,brown

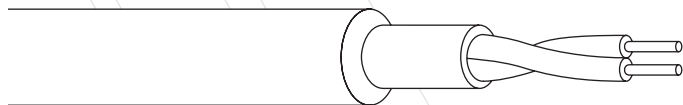
3-core: blue, green-yellow, brown

APPLICATION

Electrical cables for to be laid in a layer on and
under plaster in dry and wet places , as well as in
buildings made of prefabricated elements.

NYM-J | NYM-O

CATALOG



TECHNICAL DATA

Round conductor

STANDARD:

KG-91/BBJ-1046

DIN VDE 0250- 204:2000

RATED VOLTAGE

300/500 V

TEMPERATURE RANGE:

(-30°C do + 70°C)

COLOUR OF INSULATION

DIN VDE 0250

CONSTRUCTION

Plain copper conductors class 1 according to

PN-EN 60228:2007

PVC insulation

PVC sheath

First cover

PVC filler

Colour of insulation

2-core: blue,brown

3-core: blue, green-yellow, brown

4-core: black, brown, green-yellow, grey

4-core: black, blue,brown, grey

5-core: black, brown, green-yellow, grey,blue

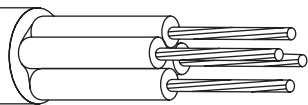
No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
1 x 1,5	300/500	100	49
1 x 2,5	300/500	100	64
1 x 4	300/500	100	85
1 x 6	300/500	100	107
1 x 10	300/500	100	157
1 x 16	300/500	100	235
2 x 1,5	300/500	100	122
2 x 2,5	300/500	100	162
2 x 4	300/500	100	216
2 x 6	300/500	100	278
2 x 10	300/500	100	435
2 x 16	300/500	100	669
3 x 1,5	300/500	100	150
3 x 2,5	300/500	100	206
3 x 4	300/500	100	277
3 x 6	300/500	100	369
3 x 10	300/500	100	561
3 x 16	300/500	100	869
4 x 1,5	300/500	100	178
4 x 2,5	300/500	100	246
4 x 4	300/500	100	351
4 x 6	300/500	100	458
4 x 10	300/500	100	690
4 x 16	300/500	100	1074
5 x 1,5	300/500	100	207
5 x 2,5	300/500	100	291
5 x 4	300/500	100	426
5 x 6	300/500	100	547
5 x 10	300/500	100	834
5 x 16	300/500	100	1324

APPLICATION

For laid on,under,over plaster in dry and wet places. Outdoors usage is only possible as long as the cable is protected against direct sunlight.

HO3VV-F

CATALOG



TECHNICAL DATA

Round conductor

HARMONIZED STANDARD:

PN-EN 50525-2-11:2011

RATED VOLTAGE

300/300V

TEMPERATURE RANGE:

FIXED INSTALLATION:

(-30°C do + 70°C)

INSTALLATION FOR MOBILE RECEIVERS:

(-10°C do + 70°C)

COLOUR OF INSULATION

PN-HD 308 S2:2007(U)

No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
2 x 0,5	300/300	100	46
2 x 0,75	300/300	100	50
3 x 0,5	300/300	100	50
3 x 0,75	300/300	100	60
4 x 0,5	300/300	100	62
4 x 0,75	300/300	100	75

CONSTRUCTION

Copper conductor flexible class 5 (multi-wire), according to PN-EN 60228:2007

PVC insulation

PVC sheath

Colour of insulation

2-core: blue,brown

3-core: blue, green-yellow, brown

4-core: black, brown, green-yellow, grey

4-core: black, blue,brown, grey

APPLICATION

According to PN-HD 516 S2:2003/A2:2008

Cables to be connected for mobile and portable general purpose such as domestic appliances. In home rooms, kitchens, offices, for lightweight portable appliances such as radios, desk lamps, standing lamps. Recommended for large number of bends.

HO3VVH2-F

CATALOG



TECHNICAL DATA

FLAT CABLE

HARMONIZED STANDARD:

PN-EN 50525-2-11:2011

RATED VOLTAGE

300/300V

TEMPERATURE RANGE:

FIXED INSTALLATION:

(-30°C do + 70°C)

INSTALLATION FOR MOBILE RECEIVERS:

(-10°C do + 70°C)

COLOUR OF INSULATION

PN-HD 308 S2:2007(U)

No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
2 x 0,5	300/300	100	42
2 x 0,75	300/300	100	48

CONSTRUCTION

Copper conductor flexible class 5 (multiwire),
according to PN-EN 60228:2007

PVC insulation

PVC sheath

Colour of insulation

2-core: blue,brown

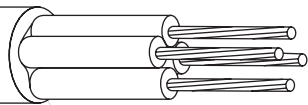
APPLICATION

According to PN-HD 516 S2:2003/A2:2008

Wires mobile and portable general purpose such as
domestic appliances. In home rooms, kitchens,
offices, for lightweight portable appliances such as
radios, desk lamps and standing lamps. Recom-
mended for large number of bends.

HO5VV-F | ELO5VV-F

CATALOG



TECHNICAL DATA

Round conductor

HARMONIZED STANDARD:

PN-EN 50525-2-11:2011

STANDARD

Technical specifications: ZW-001:2005

RATED VOLTAGE

300/500 V

TEMPERATURE RANGE:

FIXED INSTALLATION:

(-30°C do + 70°C)

INSTALLATION FOR MOBILE RECEIVERS:

(-10°C do +70°C)

COLOUR OF INSULATION

wg PN-HD 308 S2:2007 (U)

No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght coil (m)	Weight (kg/km)
2 x 0,75	300/500	100	49
2 x 1	300/500	100	57
2 x 1,5	300/500	100	84
2 x 2,5	300/500	100	131
2 x 4	300/500	100	183
3 x 0,75	300/500	100	55
3 x 1	300/500	100	72
3 x 1,5	300/500	100	98
3 x 2,5	300/500	100	159
3 x 4	300/500	100	214
4 x 0,75	300/500	100	65
4 x 1	300/500	100	88
4 x 1,5	300/500	100	131
4 x 2,5	300/500	100	195
4 x 4	300/500	100	264
4 x 6	300/500	100	419
5 x 0,75	300/500	100	85
5 x 1	300/500	100	108
5 x 1,5	300/500	100	163
5 x 2,5	300/500	100	230
5 x 4	300/500	100	339
5 x 6	300/500	100	521

CONSTRUCTION

Copper conductor flexible class 5 (multi-wire),
according to PN-EN 60228:2007

PVC insulation

PVC sheath

Colour of insulation

2-core: blue,brown

3-core: blue, green-yellow, brown

3-core: black, green, brown ,grey

4-core: black, brown, green-yellow, grey

4-core: black, blue,brown, grey

5-core: black, blue, brown, green-yellow, grey

5-core: black, blue, brown, grey, black

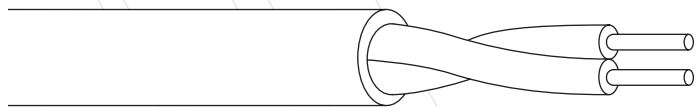
APPLICATION

According to PN-HD 516 S2:2003/A2:2008

In home rooms, kitchens, offices, equip-
ment home appliances also in rooms with
high humidity average conditions (eg
washing machines, refrigerators). Can be
used for cooking and heating equipment.

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CATALOG



TECHNICAL DATA

ELECTRICAL POWER CABLES

STANDARD

IEC 60502-1:2004

RATED VOLTAGE

0,6 / 1 kV.

TEMPERATURE RANGE:

(-30°C do + 70°C).

COLOUR OF INSULATION

PN-HD 308 S2:2007

CONSTRUCTION

Copper core

- class 1 round (RE),
- class 2 round (RM, RMC, SM).

PN-EN 60228:2007

PVC insulation

PVC sheat.

First cover

PVC filler.

Colour of insulation

2-core: blue,brown

3-core: blue, green-yellow, brown

4-core: black, brown, green-yellow, grey

4-core: black, blue,brown, grey

5-core: black, brown, green-yellow, grey,blue

APPLICATION

Electrical power cables are intended for transmitting electrical power - power line conducted in : air, water, concrete , internal places , cable ducts, directly in the ground.

No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard lenght packing (m)	Weight (kg/km)
1 x 1 RE	600/1000	↑	42
1 x 1,5 RE	600/1000		49
1 x 2,5 RE	600/1000		61
1 x 4 RE	600/1000		84
1 x 6 RE	600/1000		106
1 x 10 RE	600/1000		149
1 x 16 RE	600/1000		219
1 x 25 RMC	600/1000		319
1 x 35 RMC	600/1000		419
2 x 1 RE	600/1000		100
2 x 1,5 RE	600/1000		123
2 x 2,5 RE	600/1000		138
2 x 4 RE	600/1000		202
2 x 6 RE	600/1000		235
2 x 10 RE	600/1000		384
2 x 16 RE	600/1000		650
2 x 25 RMC	600/1000		1001
2 x 35 RMC	600/1000		1280
3 x 1 RE	600/1000		120
3 x 1,5 RE	600/1000		143
3 x 2,5 RE	600/1000		175
3 x 4 RE	600/1000		255
3 x 6 RE	600/1000	DRUMS	317
3 x 10 RE	600/1000		513
3 x 16 RE	600/1000		825
3 x 25 RMC	600/1000		1253
3 x 35 RMC	600/1000		1638
4 x 1 RE	600/1000		141
4 x 1,5 RE	600/1000		167
4 x 2,5 RE	600/1000		222
4 x 4 RE	600/1000		292
4 x 6 RE	600/1000		404
4 x 10 RE	600/1000		605
4 x 16 RE	600/1000		970
4 x 25 RMC	600/1000		1701
4 x 35 RMC	600/1000		2201
5 x 1 RE	600/1000		154
5 x 1,5 RE	600/1000		189
5 x 2,5 RE	600/1000		259
5 x 4 RE	600/1000		375
5 x 6 RE	600/1000		513
5 x 10 RE	600/1000		728
5 x 16 RE	600/1000		1169
5 x 25 RMC	600/1000		2029
5 x 35 RMC	600/1000		2504
5 x 50 SM	600/1000		3704
5 x 70 SM	600/1000		4854
5 x 95 SM	600/1000		5460
5 x 120 SM	600/1000	↓	6710

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No. of cores x cross-section cores (n x mm ²)	Rated Voltage (V)	Standard length packing (m)	Weight (kg/km)
1 x 1 RE	600/1000	↑	42
1 x 1,5 RE	600/1000		49
1 x 2,5 RE	600/1000		61
1 x 4 RE	600/1000		84
1 x 6 RE	600/1000		106
1 x 10 RE	600/1000		149
1 x 16 RE	600/1000		219
1 x 25 RMC	600/1000		319
1 x 35 RMC	600/1000		419
2 x 1 RE	600/1000		100
2 x 1,5 RE	600/1000		123
2 x 2,5 RE	600/1000		138
2 x 4 RE	600/1000		202
2 x 6 RE	600/1000		235
2 x 10 RE	600/1000		384
2 x 16 RE	600/1000		650
2 x 25 RMC	600/1000		1001
2 x 35 RMC	600/1000		1280
3 x 1 RE	600/1000		120
3 x 1,5 RE	600/1000		143
3 x 2,5 RE	600/1000		175
3 x 4 RE	600/1000		255
3 x 6 RE	600/1000	DRUMS	317
3 x 10 RE	600/1000		513
3 x 16 RE	600/1000		825
3 x 25 RMC	600/1000		1253
3 x 35 RMC	600/1000		1638
4 x 1 RE	600/1000		141
4 x 1,5 RE	600/1000		167
4 x 2,5 RE	600/1000		222
4 x 4 RE	600/1000		292
4 x 6 RE	600/1000		404
4 x 10 RE	600/1000		605
4 x 16 RE	600/1000		970
4 x 25 RMC	600/1000		1701
4 x 35 RMC	600/1000		2201
5 x 1 RE	600/1000		154
5 x 1,5 RE	600/1000		189
5 x 2,5 RE	600/1000		259
5 x 4 RE	600/1000		375
5 x 6 RE	600/1000		513
5 x 10 RE	600/1000		728
5 x 16 RE	600/1000		1169
5 x 25 RMC	600/1000		2029
5 x 35 RMC	600/1000		2504
5 x 50 SM	600/1000		3704
5 x 70 SM	600/1000		4854
5 x 95 SM	600/1000		5460
5 x 120 SM	600/1000	↓	6710



TECHNICAL DATA

ELECTRICAL POWER CABLES

STANDARD

IEC 60502-1:2004

PN-EN 60332-1-1:2010

RATED VOLTAGE

0,6/1 kV

TEMPERATURE RANGE:

(-30°C do +70°C)

COLOUR OF INSULATION

PN-HD 308 S2:2007

CONSTRUCTION

Copper core

– class 1 round (RE)

–class 2 round (RM, RMC, SM)

PN-EN 60228:2007

PVC insulation

Special PVC sheath (no-spreading flame , self-extinguishing)

First cover

PVC filler

Colour of insulation

1-core: black, blue, brown or other colour after acceptance between us and customers.

2-core: blue, brown

3-core: blue, green-yellow, brown

4-core: black,brown,green-yellow, grey

5-core:black,brown,green-yellow, grey,blue

ZASTOSOWANIE

Electrical power cables are intended for transmitting electrical power - power line conducted in : air, water, concrete , internal places , cable ducts, directly in the ground where are occur stringent fire protection requirements.



Detail specification range of
production and price list
available
on our website

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