

NSSHOEU 0.6/1 kV Cable - 1.5mm² to 300mm²



Description

NSSHOEU is a Heavy duty, flame retardant, abrasion resistant, tear resistant, oils and fats resistant flexible cable for use in harsh environments. NSSHOEU is used for supplying power and control of equipment in mines, quarries, industrial plants, agricultural applications and where mechanical stress and abrasion is likely.

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
Fixed: 4 x overall diameter
Flexing: 5 x overall diameter



Flame Retardancy
BS EN/IEC 60332-1-2



Temperature Limits
Fixed: -40°C to +80°C
Flexing: -25°C to +80°C
Maximum Short Circuit Temperature: +250°C

Core Colours

Sheath Colour: Yellow

Standards

- IEC 60228
- Flame Propagation according to IEC/EN 60332-1-2
- VDE 0250 PT812
- VDE 0295
- VDE 0293 Colour codes for multi core cable
- VDE 0298 Part 3 & Part 4
- VDE 0207 PT20 & PT21

Construction

- **Conductor:** Class 5 Flexible Tinned Copper
- **Individual Core Screen:** Up to 10mm² Copper braid from 16mm² Copper wires
- **Insulation:** Rubber Compound
- **Inner Sheath:** Special Rubber Compound
- **Outer Sheath:** Heavy Duty Rubber Compound

QA Lab

Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

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NSSHOEU 0.6/1 kV Cable - 1.5mm² to 300mm² - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Nominal Conductor Diameter	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
1KVNSSHOEUSSHO EU1X1/5	1.5	1	1.5	7.0	35	75
1KVNSSHOEUSSHO EU7X1/5	1.5	1.5	1.5	18.0	90	425
1KVNSSHOEUSSHO EU12X1/5	1.5	1.5	1.5	20.5	103	550
1KVNSSHOEUSSHO EU18X1/5	1.5	1.5	1.5	23.5	118	785
1KVNSSHOEUSSHO EU24X1/5	1.5	1.5	1.5	25.5	128	925
1KVNSSHOEUSSHO EU2X1/5	1.5	2	1.5	12.2	61	175
1KVNSSHOEUSSHO EU3X1/5	1.5	3	1.5	12.5	63	230
1KVNSSHOEUSSHO EU4X1/5	1.5	4	1.5	13.5	68	240
1KVNSSHOEUSSHO EU5X1/5	1.5	5	1.5	14.5	73	285
1KVNSSHOEUSSHO EU1X2/5	2.5	1	2.0	8.0	40	90
1KVNSSHOEUSSHO EU7X2/5	2.5	1.9	2.0	20.0	100	570
1KVNSSHOEUSSHO EU12X2/5	2.5	1.9	2.0	23.5	118	800
1KVNSSHOEUSSHO EU18X2/5	2.5	1.9	2.0	28.0	140	1125
1KVNSSHOEUSSHO EU24X2/5	2.5	1.9	2.0	30	150	1375
1KVNSSHOEUSSHO EU2X2/5	2.5	2	2.0	13.5	68	230
1KVNSSHOEUSSHO EU3X2/5	2.5	3	2.0	14.0	70	295
1KVNSSHOEUSSHO EU4X2/5	2.5	4	2.0	16.0	80	375
1KVNSSHOEUSSHO EU5X2/5	2.5	5	2.0	17.5	88	425
1KVNSSHOEUSSHO EU1X4	4	1	2.5	8.5	43	120
1KVNSSHOEUSSHO EU2X4	4	2	2.5	16.3	82	335
1KVNSSHOEUSSHO EU3X4	4	3	2.5	16.5	83	425
1KVNSSHOEUSSHO EU4X4	4	4	2.5	17.5	88	465
1KVNSSHOEUSSHO EU5X4	4	5	2.5	18.5	93	550

Reference	Conductor Size (mm2)	No Of Cores	Nominal Conductor Diameter	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
1KVNSSHOEUNSSHO EU1X6	6	1	3.0	9.5	48	140
1KVNSSHOEUNSSHO EU2X6	6	2	3.0	17.4	87	410
1KVNSSHOEUNSSHO EU3X6	6	3	3.0	17.5	88	525
1KVNSSHOEUNSSHO EU4X6	6	4	3.0	19.0	95	585
1KVNSSHOEUNSSHO EU5X6	6	5	3.0	22.0	110	750
1KVNSSHOEUNSSHO EU1X10	10	1	3.9	10.5	53	195
1KVNSSHOEUNSSHO EU2X10	10	2	3.9	20.5	103	595
1KVNSSHOEUNSSHO EU3X10	10	3	3.9	21.5	108	780
1KVNSSHOEUNSSHO EU4X10	10	4	3.9	23.5	118	895
1KVNSSHOEUNSSHO EU5X10	10	5	3.9	25.0	125	1075
1KVNSSHOEUNSSHO EU1X16	16	1	5.0	11.5	58	275
1KVNSSHOEUNSSHO EU2X16	16	2	5.0	23.5	118	795
1KVNSSHOEUNSSHO EU3X16	16	3	5.0	23.5	117.5	995
1KVNSSHOEUNSSHO EU4X16	16	4	5.0	26.5	133	1245
1KVNSSHOEUNSSHO EU5X16	16	5	5.0	29.0	145	1520
1KVNSSHOEUNSSHO EU1X25	25	1	6.2	14.0	70	395
1KVNSSHOEUNSSHO EU2X25	25	2	6.2	28.0	140	1155
1KVNSSHOEUNSSHO EU3X25	25	3	6.2	28.0	140	1450
1KVNSSHOEUNSSHO EU4X25	25	4	6.2	32.0	160	1855
1KVNSSHOEUNSSHO EU5X25	25	5	6.2	35.0	175	2275
1KVNSSHOEUNSSHO EU1X35	35	1	7.3	17.0	88	495
1KVNSSHOEUNSSHO EU2X35	35	2	7.3	30.0	150	1295
1KVNSSHOEUNSSHO EU3X35	35	3	7.3	30.5	153	1925
1KVNSSHOEUNSSHO EU4X35	35	4	7.3	35.0	175	2350

Reference	Conductor Size (mm2)	No Of Cores	Nominal Conductor Diameter	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
1KVNSSHOEUNSSHO EU5X35	35	5	7.3	40.0	200	2895
1KVNSSHOEUNSSHO EU1X50	50	1	9.2	19.5	98	675
1KVNSSHOEUNSSHO EU3X50	50	3	9.2	36.0	180	2550
1KVNSSHOEUNSSHO EU4X50	50	4	9.2	40.5	203	3350
1KVNSSHOEUNSSHO EU5X50	50	5	9.2	46.5	233	3850
1KVNSSHOEUNSSHO EU1X70	70	1	11.0	19.0	95	895
1KVNSSHOEUNSSHO EU3X70	70	3	11.0	40.0	200	3510
1KVNSSHOEUNSSHO EU4X70	70	4	11.0	45.0	245	4350
1KVNSSHOEUNSSHO EU5X70	70	5	11.0	53.2	261	5195
1KVNSSHOEUNSSHO EU1X95	95	1	12.5	22.0	110	1175
1KVNSSHOEUNSSHO EU3X95	95	3	12.5	46.0	230	4525
1KVNSSHOEUNSSHO EU4X95	95	4	12.5	52.0	260	5750
1KVNSSHOEUNSSHO EU5X95	95	5	12.5	60.0	300	6695
1KVNSSHOEUNSSHO EU1X120	120	1	14.5	24.0	120	1455
1KVNSSHOEUNSSHO EU3X120	120	3	14.5	48.5	243	5295
1KVNSSHOEUNSSHO EU4X120	120	4	14.5	57.5	288	6895
1KVNSSHOEUNSSHO EU1X150	150	1	16.0	26.5	133	1795
1KVNSSHOEUNSSHO EU3X150	150	3	16.0	53.0	265	6545
1KVNSSHOEUNSSHO EU4X150	150	4	16.0	63.5	318	8355
1KVNSSHOEUNSSHO EU1X185	185	1	18.0	29.5	148	2250
1KVNSSHOEUNSSHO EU3X185	185	3	18.0	59.5	298	8075
1KVNSSHOEUNSSHO EU4X185	185	4	18.0	71.0	355	10420
1KVNSSHOEUNSSHO EU1X240	240	1	20.5	32.5	163	2855
1KVNSSHOEUNSSHO EU1X300	300	1	22.5	36.5	183	3600

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