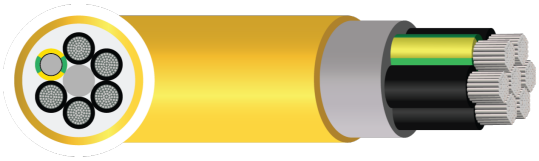
NSSHOEU 0.6/1 kV Cable - 1.5mm² to 300mm²



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
- **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

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

Reference	Conductor Size (mm2)	No Of Cores	Nominal Conductor Diameter	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
1KVNSSHOEUNSSHOEU1X1/5	1.5	1	1.5	7.0	35	75
1KVNSSHOEUNSSHOEU7X1/5	1.5	1.5	1.5	18.0	90	425
1KVNSSHOEUNSSHOEU12X1/5	1.5	1.5	1.5	20.5	103	550
1KVNSSHOEUNSSHOEU18X1/5	1.5	1.5	1.5	23.5	118	785
1KVNSSHOEUNSSHOEU24X1/5	1.5	1.5	1.5	25.5	128	925
1KVNSSHOEUNSSHOEU2X1/5	1.5	2	1.5	12.2	61	175
1KVNSSHOEUNSSHOEU3X1/5	1.5	3	1.5	12.5	63	230
1KVNSSHOEUNSSHOEU4X1/5	1.5	4	1.5	13.5	68	240
1KVNSSHOEUNSSHOEU5X1/5	1.5	5	1.5	14.5	73	285
1KVNSSHOEUNSSHOEU1X2/5	2.5	1	2.0	8.0	40	90
1KVNSSHOEUNSSHOEU7X2/5	2.5	1.9	2.0	20.0	100	570
1KVNSSHOEUNSSHOEU12X2/5	2.5	1.9	2.0	23.5	118	800
1KVNSSHOEUNSSHOEU18X2/5	2.5	1.9	2.0	28.0	140	1125
1KVNSSHOEUNSSHOEU24X2/5	2.5	1.9	2.0	30	150	1375
1KVNSSHOEUNSSHOEU2X2/5	2.5	2	2.0	13.5	68	230
1KVNSSHOEUNSSHOEU3X2/5	2.5	3	2.0	14.0	70	295
1KVNSSHOEUNSSHOEU4X2/5	2.5	4	2.0	16.0	80	375
1KVNSSHOEUNSSHOEU5X2/5	2.5	5	2.0	17.5	88	425
1KVNSSHOEUNSSHOEU1X4	4	1	2.5	8.5	43	120
1KVNSSHOEUNSSHOEU2X4	4	2	2.5	16.3	82	335
1KVNSSHOEUNSSHOEU3X4	4	3	2.5	16.5	83	425
1KVNSSHOEUNSSHOEU4X4	4	4	2.5	17.5	88	465
1KVNSSHOEUNSSHOEU5X4	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)
1KVNSSHOEUNSSHOEU1X6	6	1	3.0	9.5	48	140
1KVNSSHOEUNSSHOEU2X6	6	2	3.0	17.4	87	410
1KVNSSHOEUNSSHOEU3X6	6	3	3.0	17.5	88	525
1KVNSSHOEUNSSHOEU4X6	6	4	3.0	19.0	95	585
1KVNSSHOEUNSSHOEU5X6	6	5	3.0	22.0	110	750
1KVNSSHOEUNSSHOEU1X10	10	1	3.9	10.5	53	195
1KVNSSHOEUNSSHOEU2X10	10	2	3.9	20.5	103	595
1KVNSSHOEUNSSHOEU3X10	10	3	3.9	21.5	108	780
1KVNSSHOEUNSSHOEU4X10	10	4	3.9	23.5	118	895
1KVNSSHOEUNSSHOEU5X10	10	5	3.9	25.0	125	1075
1KVNSSHOEUNSSHOEU1X16	16	1	5.0	11.5	58	275
1KVNSSHOEUNSSHOEU2X16	16	2	5.0	23.5	118	795
1KVNSSHOEUNSSHOEU3X16	16	3	5.0	23.5	117.5	995
1KVNSSHOEUNSSHOEU4X16	16	4	5.0	26.5	133	1245
1KVNSSHOEUNSSHOEU5X16	16	5	5.0	29.0	145	1520
1KVNSSHOEUNSSHOEU1X25	25	1	6.2	14.0	70	395
1KVNSSHOEUNSSHOEU2X25	25	2	6.2	28.0	140	1155
1KVNSSHOEUNSSHOEU3X25	25	3	6.2	28.0	140	1450
1KVNSSHOEUNSSHOEU4X25	25	4	6.2	32.0	160	1855
1KVNSSHOEUNSSHOEU5X25	25	5	6.2	35.0	175	2275
1KVNSSHOEUNSSHOEU1X35	35	1	7.3	17.0	88	495
1KVNSSHOEUNSSHOEU2X35	35	2	7.3	30.0	150	1295
1KVNSSHOEUNSSHOEU3X35	35	3	7.3	30.5	153	1925
1KVNSSHOEUNSSHOEU4X35	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)
1KVNSSHOEUNSSHOEU5X35	35	5	7.3	40.0	200	2895
1KVNSSHOEUNSSHOEU1X50	50	1	9.2	19.5	98	675
1KVNSSHOEUNSSHOEU3X50	50	3	9.2	36.0	180	2550
1KVNSSHOEUNSSHOEU4X50	50	4	9.2	40.5	203	3350
1KVNSSHOEUNSSHOEU5X50	50	5	9.2	46.5	233	3850
1KVNSSHOEUNSSHOEU1X70	70	1	11.0	19.0	95	895
1KVNSSHOEUNSSHOEU3X70	70	3	11.0	40.0	200	3510
1KVNSSHOEUNSSHOEU4X70	70	4	11.0	45.0	245	4350
1KVNSSHOEUNSSHOEU5X70	70	5	11.0	53.2	261	5195
1KVNSSHOEUNSSHOEU1X95	95	1	12.5	22.0	110	1175
1KVNSSHOEUNSSHOEU3X95	95	3	12.5	46.0	230	4525
1KVNSSHOEUNSSHOEU4X95	95	4	12.5	52.0	260	5750
1KVNSSHOEUNSSHOEU5X95	95	5	12.5	60.0	300	6695
1KVNSSHOEUNSSHOEU1X120	120	1	14.5	24.0	120	1455
1KVNSSHOEUNSSHOEU3X120	120	3	14.5	48.5	243	5295
1KVNSSHOEUNSSHOEU4X120	120	4	14.5	57.5	288	6895
1KVNSSHOEUNSSHOEU1X150	150	1	16.0	26.5	133	1795
1KVNSSHOEUNSSHOEU3X150	150	3	16.0	53.0	265	6545
1KVNSSHOEUNSSHOEU4X150	150	4	16.0	63.5	318	8355
1KVNSSHOEUNSSHOEU1X185	185	1	18.0	29.5	148	2250
1KVNSSHOEUNSSHOEU3X185	185	3	18.0	59.5	298	8075
1KVNSSHOEUNSSHOEU4X185	185	4	18.0	71.0	355	10420
1KVNSSHOEUNSSHOEU1X240	240	1	20.5	32.5	163	2855
1KVNSSHOEUNSSHOEU1X300	300	1	22.5	36.5	183	3600

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.