

Unshielded Multiconductor Control Cables E-Series



The Unshielded Multiconductor Cable E-Series from NORDEN is suitable for use in commercial audio systems, as well as for control and instrumentation applications. It is available with PE, LSZH, or PVC insulation, includes a nylon rip cord, and comes with either a PVC or LSZH outer jacket



CABLE CONSTRUCTION

Conductor
Stranded Plain
Annealed Copper

Drain Wire
NA

Jacket Color
Grey or as requested

Insulation
PE / LSZH / PVC

Rip Code
Yes

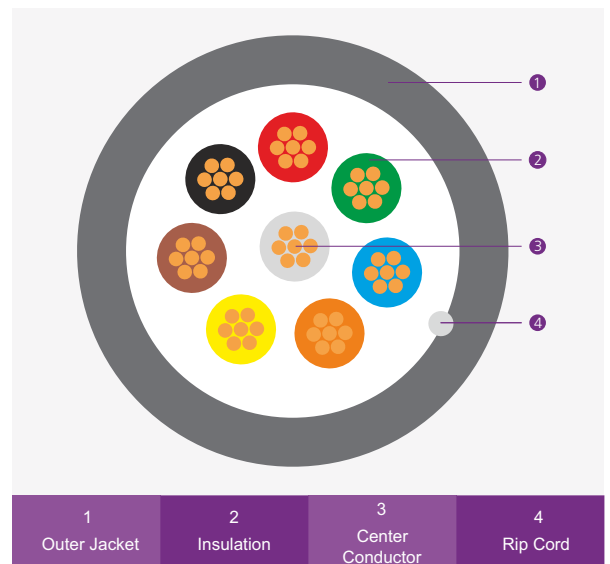
Outer Jacket
PVC/LSZH

PHYSICAL CHARACTERISTICS

Characteristic	Value				
	14AWG	16AWG	18AWG	20AWG	22AWG
No. of Conductor /Diameter (mm)	19/0.345	26/0.24	7/0.38	7/0.32	7/0.235
Insulation Thickness (mm)	0.25	0.19	0.22	0.21	0.22
Insulation Outer Diameter (mm)	2.25	1.8	1.6	1.4	1.15
Operating Temperature	-10°C to +60°C				
Operating Voltage	300/500V				

INSULATION COLOUR CODE

Individual Core	Colour
Core 1	Black
Core 2	White
Core 3	Red
Core 4	Green
Core 5	Brown
Core 6	Blue
Core 7	Orange
Core 8	Yellow



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ELECTRICAL & MECHANICAL CHARACTERISTICS

No. of Conductor / Size	Nom. Conductor DCR (20°C Ω/KM)	Nom. Capacitance Cond. to Cond (PF/m)	Nom. Shield Resistance (Ω)	Max. Bend Radius	Max. Pulling Tension (N)
2 Core 14 AWG	10.10	66	76	6 x OD	1100
2 Core 16 AWG	15.25	73	68	6 x OD	900
2 Core 18 AWG	22.59	58	86	6 x OD	236
2 Core 20 AWG	31.86	63	79	6 x OD	540
2 Core 22 AWG	59.08	52	94	6 x OD	180
3 Core 14 AWG	10.10	66	76	6 x OD	1650
3 Core 16 AWG	15.25	73	68	6 x OD	1350
3 Core 18 AWG	22.59	58	86	6 x OD	354
3 Core 20 AWG	31.86	63	79	6 x OD	810
3 Core 22 AWG	59.08	52	94	6 x OD	270
4 Core 14 AWG	10.10	66	76	6 x OD	2200
4 Core 16 AWG	15.25	73	68	6 x OD	1800
4 Core 18 AWG	22.59	58	86	6 x OD	472
4 Core 20 AWG	31.86	63	79	6 x OD	1080
4 Core 22 AWG	59.08	52	94	6 x OD	360
6 Core 14 AWG	10.10	66	76	6 x OD	3300
6 Core 16 AWG	15.25	73	68	6 x OD	2700
6 Core 18 AWG	22.59	58	86	6 x OD	708
6 Core 20 AWG	31.86	63	79	6 x OD	1620
6 Core 22 AWG	59.08	52	94	6 x OD	540
8 Core 14 AWG	10.10	66	76	6 x OD	4950
8 Core 16 AWG	15.25	73	68	6 x OD	3600
8 Core 18 AWG	22.59	58	86	6 x OD	944
8 Core 20 AWG	31.86	63	79	6 x OD	2160
8 Core 22 AWG	59.08	52	94	6 x OD	720

ORDERING INFORMATION

Part Number	Description	Jacket Thickness (mm)	Jacket Diameter (mm)
NCE-13102142	2 Core 14 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.50	5.50
NCE-13102141	2 Core 14 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.50	5.50
NCE-13102162	2 Core 16 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.45	4.50
NCE-13102161	2 Core 16 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.45	4.50
NCE-13102182	2 Core 18 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.40	4.00
NCE-13102181	2 Core 18 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.40	4.00
NCE-13102202	2 Core 20 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.50	3.80
NCE-13102201	2 Core 20 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.50	3.80
NCE-13102222	2 Core 22 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.40	3.10
NCE-13102221	2 Core 22 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.40	3.10
NCE-13103142	3 Core 14 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.68	6.20
NCE-13103141	3 Core 14 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.68	6.20
NCE-13103162	3 Core 16 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.56	5.00
NCE-13103161	3 Core 16 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.56	5.00
NCE-13103182	3 Core 18 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.48	4.40
NCE-13103181	3 Core 18 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.48	4.40
NCE-13103202	3 Core 20 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.49	4.00

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Part Number	Description	Jacket Thickness (mm)	Jacket Diameter (mm)
NCE-13103201	3 Core 20 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.49	4.00
NCE-13103222	3 Core 22 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.46	3.40
NCE-13103221	3 Core 22 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.46	3.40
NCE-13104142	4 Core 14 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.73	6.90
NCE-13104141	4 Core 14 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.73	6.90
NCE-13104162	4 Core 16 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.63	5.60
NCE-13104161	4 Core 16 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.63	5.60
NCE-13104182	4 Core 18 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.62	5.10
NCE-13104181	4 Core 18 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.62	5.10
NCE-13104202	4 Core 20 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.61	4.60
NCE-13104201	4 Core 20 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.61	4.60
NCE-13104222	4 Core 22 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.61	4.00
NCE-13104221	4 Core 22 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.61	4.00
NCE-13106142	6 Core 14 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.78	8.30
NCE-13106141	6 Core 14 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.78	8.30
NCE-13106162	6 Core 16 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.80	7.00
NCE-13106161	6 Core 16 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.80	7.00
NCE-13106182	6 Core 18 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.75	6.30
NCE-13106181	6 Core 18 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.75	6.30
NCE-13106202	6 Core 20 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.65	5.50
NCE-13106201	6 Core 20 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.65	5.50
NCE-13106222	6 Core 22 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.58	4.60
NCE-13106221	6 Core 22 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.58	4.60
NCE-13108142	8 Core 14 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.83	9.10
NCE-13108141	8 Core 14 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.83	9.10
NCE-13108162	8 Core 16 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.78	7.50
NCE-13108161	8 Core 16 AWG Un Shielded Multiconductor Control Cable PVC E-Series	0.78	7.50
NCE-13108182	8 Core 18 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.76	6.80
NCE-13108181	8 Core 18 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.76	6.80
NCE-13108202	8 Core 20 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.74	6.10
NCE-13108201	8 Core 20 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.74	6.10
NCE-13108222	8 Core 22 AWG UnShielded Multiconductor Control Cable LSZH E-Series	0.60	5.00
NCE-13108221	8 Core 22 AWG UnShielded Multiconductor Control Cable PVC E-Series	0.60	5.00