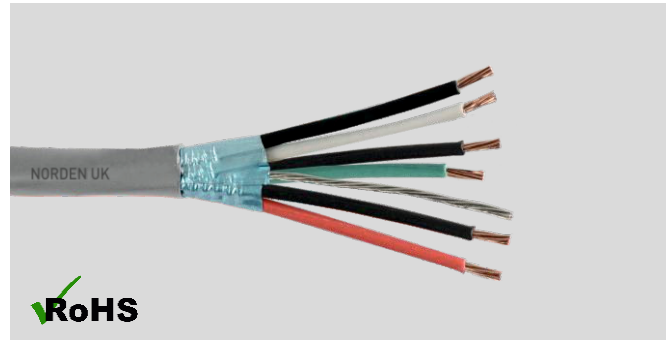


Shielded Paired Control Cable E-Series

Norden Shielded Paired Control Cable E-Series is ideal for audio, control, and instrumentation applications. It has twisted copper pairs for reliable signal transmission and an aluminum foil shield to block electrical noise. A tinned copper drain wire provides grounding and improves shielding. Together, these features ensure clear and stable signal performance.



CABLE CONSTRUCTION

Conductor

Stranded Plain
Annealed Copper

Shielding Material

PET Foil + AL Foil

Rip Cord

Yes

Jacket Color

Grey or as requested

Insulation

PE / LSZH / PVC

Drain Wire

Tinned Copper, 7/0.20

Outer Jacket

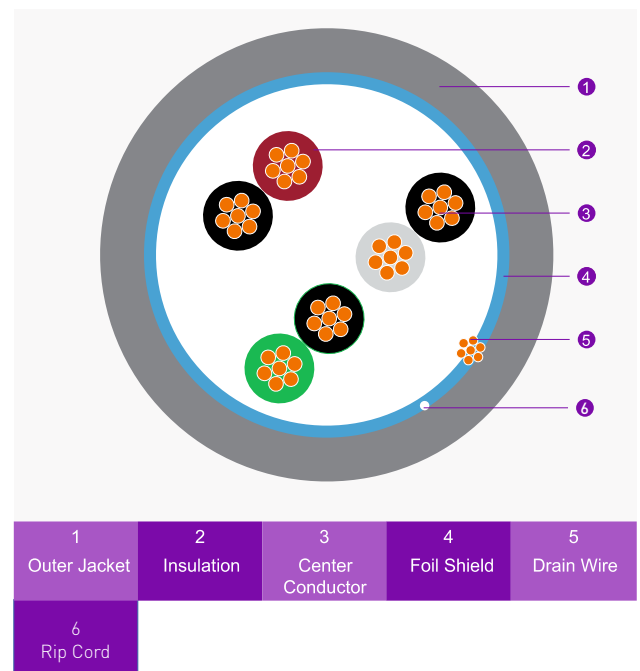
PE / LSZH / PVC

PHYSICAL CHARACTERISTICS

Characteristic	Value					
	14AWG	16AWG	18AWG	20AWG	22AWG	24AWG
No. of Conductor /Diameter (mm)	19/0.345	26/0.24	7/0.38	7/0.32	7/0.235	7/0.185
Insulation Thickness (mm)	0.25	0.19	0.22	0.21	0.22	0.21
Insulation Outer Diameter (mm)	2.25	1.8	1.6	1.4	1.15	1.05
Operating Temperature	-10°C to +60°C					
Operating Voltage	300/500V					

INSULATION COLOUR CODE

Pair	Colour
Pair 1	Black/Red
Pair 2	Black/White
Pair 3	Black/Green



Shielded Paired Control Cable E-Series

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)
1 Pair 14 AWG	10.10	69	72	6 x OD	1100
1 Pair 16 AWG	15.25	73	68	6 x OD	900
1 Pair 18 AWG	22.59	40	126	6 x OD	700
1 Pair 20 AWG	31.86	63	79	6 x OD	540
1 Pair 22 AWG	59.08	52	94	6 x OD	150
1 Pair 24 AWG	95.33	46	106	6 x OD	234
2 Pair 14 AWG	10.10	74	69	6 x OD	2200
2 Pair 16 AWG	15.25	73	68	6 x OD	1800
2 Pair 18 AWG	22.59	40	126	6 x OD	1400
2 Pair 20 AWG	31.86	60	84	6 x OD	540
2 Pair 22 AWG	59.08	52	94	6 x OD	600
2 Pair 24 AWG	95.33	46	106	6 x OD	184
3 Pair 18 AWG	22.59	40	126	6 x OD	2100
3 Pair 20 AWG	31.86	63	79	6 x OD	810
3 Pair 24 AWG	95.33	46	106	6 x OD	276
4 Pair 18 AWG	22.59	40	126	6 x OD	2800

ORDERING INFORMATION

Part Number	Description	Jacket Thickness		Jacket Diameter (mm)
		(mm)		
NCE-23201142	1 Pair 14 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.50		5.60
NCE-23201141	1 Pair 14 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.50		5.60
NCE-23201162	1 Pair 16 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.45		4.60
NCE-23201161	1 Pair 16 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.45		4.60
NCE-23201182	1 Pair 18 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.45		4.30
NCE-23201181	1 Pair 18 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.45		4.10
NCE-23201183	1 Pair 18 AWG Shielded Multiconductor Control Cable PE E-Series , 305m	0.45		4.30
NCE-23201202	1 Pair 20 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.50		3.90
NCE-23201201	1 Pair 20 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.50		3.90
NCE-23201222	1 Pair 22 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.40		3.20
NCE-23201221	1 Pair 22 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.40		3.20
NCE-23201242	1 Pair 24 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.60		3.50
NCE-23201241	1 Pair 24 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.60		3.50
NCE-23202142	2 Pair 14 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.53		8.90
NCE-23202162	2 Pair 16 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.54		7.40
NCE-23202182	2 Pair 18 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.53		6.70
NCE-23202202	2 Pair 20 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.52		5.90
NCE-23202201	2 Pair 20 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.57		5.90
NCE-23202222	2 Pair 22 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.45		4.90
NCE-23202221	2 Pair 22 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.45		4.90
NCE-23202242	2 Pair 24 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.62		5.00
NCE-23202241	2 Pair 24 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.62		5.00
NCE-23203182	3 Pair 18 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.68		7.40
NCE-23203202	3 Pair 20 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.70		6.70
NCE-23203201	3 Pair 20 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.70		6.70
NCE-23203242	3 Pair 24 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.68		5.40
NCE-23203241	3 Pair 24 AWG Shielded Multiconductor Control Cable PVC E-Series , 305m	0.68		5.40
NCE-23204182	4 Pair 18 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.82		8.40

