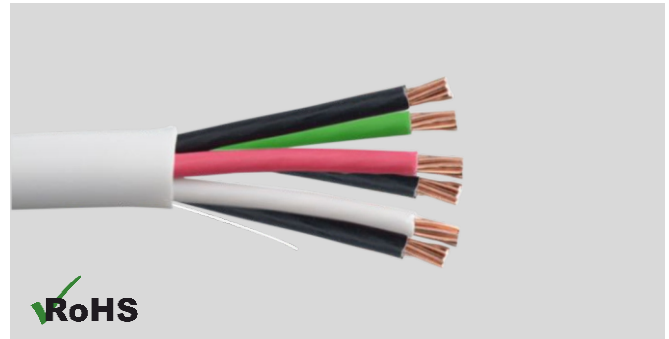


# Unshielded Paired Control Cable E-Series

Norden Unshielded Paired Control Cable E-Series is suitable for audio, control, and instrumentation applications in areas with low electrical noise. It has twisted copper pairs to reduce crosstalk and ensure reliable signal transmission. The cable is compact, flexible, and easy to install, making it ideal for indoor use.



## CABLE CONSTRUCTION

### Conductor

Stranded Plain  
Annealed Copper

### Rip Cord

Yes

### Jacket Color

Grey or as requested

### Insulation

PE / LSZH / PVC

### Drain Wire

NA

### Outer Jacket

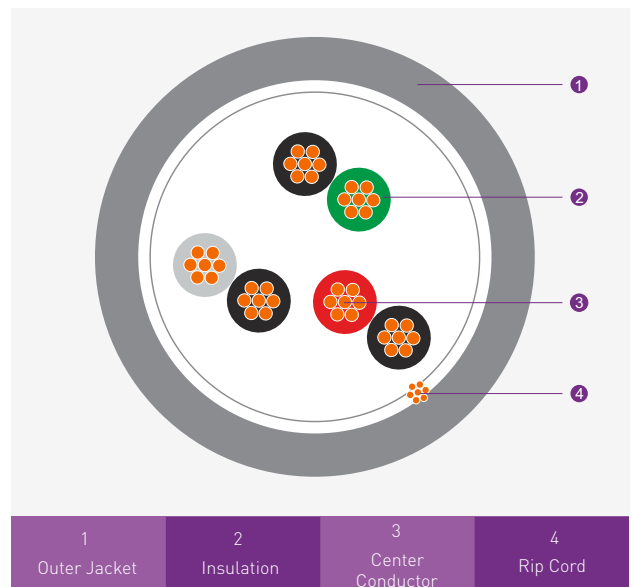
PVC/LSZH

## 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	1.60	1.4	1.15	1.05
Operating Temperature	-10°C to +60°C					
Operating Voltage	300/500V					

## INSULATION COLOUR CODE

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



# Unshielded 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	66	76	6 x OD	1100
1 Pair 16 AWG	15.25	73	68	6 x OD	900
1 Pair 18 AWG	22.59	34	150	6 x OD	700
1 Pair 20 AWG	31.86	55	91	6 x OD	270
1 Pair 22 AWG	59.08	45	111	6 x OD	150
1 Pair 24 AWG	95.33	40	127	6 x OD	234
2 Pair 20 AWG	31.86	55	91	6 x OD	540
2 Pair 22 AWG	59.08	45	111	6 x OD	300
2 Pair 24 AWG	95.33	40	127	6 x OD	468
3 Pair 20 AWG	31.86	55	91	6 x OD	810
3 Pair 24 AWG	95.33	40	127	6 x OD	702

## ORDERING INFORMATION

Part Number	Description	Jacket Thickness (mm)	Jacket Diameter (mm)
NCE-23101142	1Pair 14 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.50	5.50
NCE-23101141	1Pair 14 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.50	5.50
NCE-23101162	1Pair 16 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.45	4.50
NCE-23101161	1Pair 16 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.45	4.50
NCE-23201182	1Pair 18 AWG Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.45	4.10
NCE-23101202	1Pair 20 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.50	3.80
NCE-23101201	1Pair 20 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.50	3.80
NCE-23101222	1Pair 22 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.40	3.10
NCE-23101221	1Pair 22 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.40	3.10
NCE-23101242	1Pair 24 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.60	3.40
NCE-23101241	1Pair 24 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.60	3.40
NCE-23102202	2Pair 20 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.52	5.80
NCE-23102201	2Pair 20 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.52	5.80
NCE-23102222	2Pair 22 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.45	4.80
NCE-23102221	2Pair 22 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.45	4.80
NCE-23102242	2Pair 24 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.62	4.90
NCE-23102241	2Pair 24 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.62	4.90
NCE-23103202	3Pair 20 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.70	6.50
NCE-23103201	3Pair 20 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.70	6.50
NCE-23103242	3Pair 24 AWG Un Shielded Multiconductor Control Cable LSZH E-Series , 305m	0.68	5.20
NCE-23103241	3Pair 24 AWG Un Shielded Multiconductor Control Cable PVC E-Series , 305m	0.68	5.20