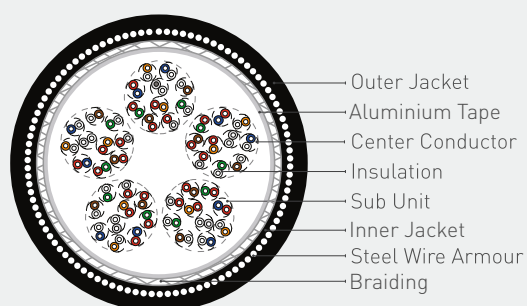
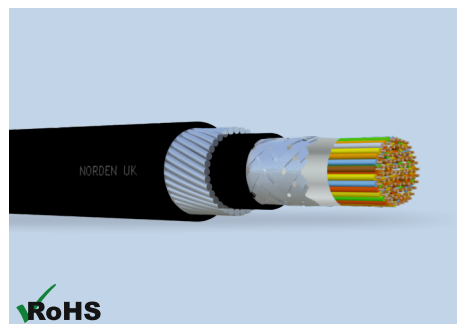


EXTERNAL TELEPHONE CABLE PE INSULATION/PE INNER/LSZH OUTER



NORDEN External Telephone Cables are designed to connect telephone and communication equipment reliably. These cables can also be used for other communication, control systems, or low-level signalling. With PE Insulation, PE Inner, and an LSZH Outer, the cables meet high performance standards. They are ideally suited for both underground and direct-buried installations.



CABLE STANDARD

CW 1128/1198 JELLY FILLED
ARMoured CABLE

CABLE CONSTRUCTION

Conductor	Single solid bare copper
Insulation	PE
Screening	Aluminium tape
Braiding	Copper wire braid (65% coverage)
Inner Sheath	PE
Armouring	Steel wire
Outer Jacket	LSZH

PHYSICAL CHARACTERISTICS

Characteristic	Value		
	2 Core	4 Pair	50 Pair
Conductor Size	16AWG(1.29mm)	18AWG (1.0mm)	18AWG (1.0mm)
Nom. Insulated Diameter(mm)	2	1.8	1.8
Inner Sheath Diameter(mm)	5	11.5	137
Inner Sheath Thickness(mm)	0.8	1.2	1.5
Steel Wire Diameter(mm)	0.9	1.25	1.6
Outer Sheath Diameter(mm)	9.4	17.6	45
Outer Sheath Thickness(mm)	1.3	1.6	2
Min. Bending Radius	12*OD		
Operating Temperature	-5°C to +70°C		

EXTERNAL TELEPHONE CABLE PE INSULATION/PE INNER/LSZH OUTER



ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value
Peak operating voltage	V	300
Test voltage wire/wire	V	800
Test voltage wire/shield	V	800
Attenuation at 800 Hz	dB/km	1.1
Insulation- specific volume resistance	MΩ/km	100

INSULATION COLOUR CODE

Pairs	Primary	Secondary	Pairs	Primary	Secondary
1	White	Blue	26	White	Blue
2	White	Orange	27	White	Orange
3	White	Green	28	White	Green
4	White	Brown	29	White	Brown
5	White	Grey	30	White	Grey
6	Red	Blue	31	Red	Blue
7	Red	Orange	32	Red	Orange
8	Red	Green	33	Red	Green
9	Red	Brown	34	Red	Brown
10	Red	Grey	35	Red	Grey
11	black	blue	36	black	blue
12	black	orange	37	black	orange
13	black	green	38	black	green
14	black	brown	39	black	brown
15	black	gray	40	black	gray
16	yellow	blue	41	yellow	blue
17	yellow	orange	42	yellow	orange
18	yellow	green	43	yellow	green
19	yellow	brown	44	yellow	brown
20	yellow	gray	45	yellow	gray
21	violet	blue	46	violet	blue
22	violet	orange	47	violet	orange
23	violet	green	48	violet	green
24	violet	brown	49	violet	brown
25	violet	gray	50	violet	gray

Note: There is Cable tie for first 25 pairs to distinguish between first & second 25pairs.

ORDERING INFORMATION

Part Number	Description	Conductor diameter(mm)
212-18162002	2 Core External Telephone Cable PE Insulation/PE Inner/LSZH Outer	1.29
212-18122004	4 Pair External Telephone Cable PE Insulation/PE Inner/LSZH Outer	1
212-18122050	50 Pair External Telephone Cable PE Insulation/PE Inner/LSZH Outer	1