

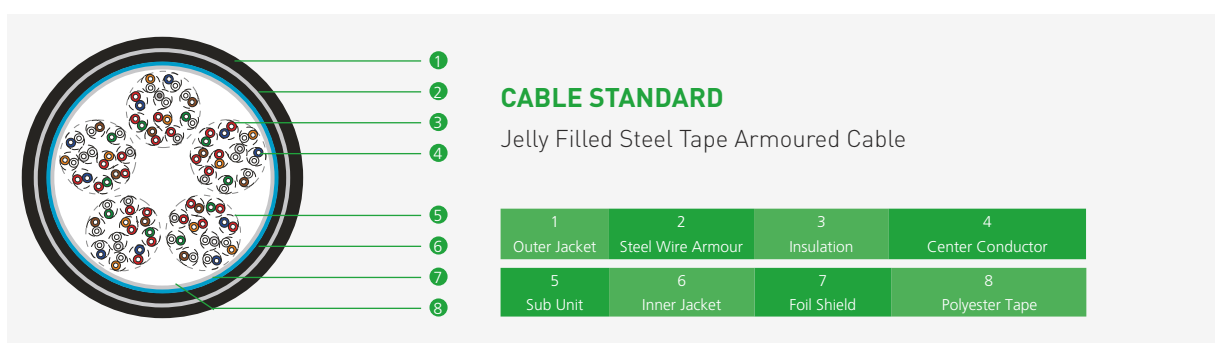
EXTERNAL TELEPHONE CABLE JELLY FILLED / STEEL TAPE ARMoured

External Telephone Cables from NORDEN are primarily designed for the interconnection of telephone equipment. In addition, these cables may be used for interconnection of other communication and control equipment or low level signaling applications.

The cables are suitable for Underground and Direct Buried Installation.



RoHS



CABLE CONSTRUCTION

Conductor	Class 1 Solid annealed Bare Copper Conductors to BS 6360:1991/IEC 60228:2005 (Note - IEC 60228:2005 replaces BS 6360:1991)
Insulation	Solid HDPE (High Density Polyethylene)
Twisted Pair	Two single wires are twisted to form a Pair
Separator	Polyester Tape
Core Filler	Jelly filled with Petroleum Jelly
Screening	Plastic coated aluminum tape
Inner Sheath	PE (Polyethylene)
Armouring	Steel Tape Armour
Outer Jacket	PE (Polyethylene)
Jacket Colour	Black

PHYSICAL CHARACTERISTICS

Characteristic	Value	
	0.4 mm	0.5 mm
Conductor Size	26 AWG	24 AWG
Nom. Insulation Thickness	0.21 mm	0.24 mm
Nom. Insulated Conductor Diameter	0.81 mm	0.98 mm
Min. Bending Radius	15 x D	
Operating Temperature	-20 °C to +70 °C	

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ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value	
		0.4 mm	0.5 mm
Max. Conductor DC Resistant @ 20 °C	Ω/km	140	89.5
Min. Insulation Resistant @ 500 VDC	MΩ.km	≥1500	≥1500
Max. Average Mutual Capacitance @ 800 Hz	nF/km	55	55
Max. Capacitance Unbalance @ 800 Hz (Pair to Pair)	pF/500m	250	250

INSULATION COLOUR CODE

Pair Colour Code			Unit Binder Colour Code	
Pair No.	Wire - A Colour	Wire - B Colour	Unit No.	Binder Tape Colour
1	White	Blue	1	Blue
2	White	Orange	2	Orange
3	White	Green	3	Green
4	White	Brown	4	Brown
5	White	Grey	5	Grey
6	Red	Blue	6	White
7	Red	Orange	7	Red
8	Red	Green	8	Black
9	Red	Brown	9	Yellow
10	Red	Grey	10	Violet

ORDERING INFORMATION

Part Number	Description	Conductor Diameter (mm)	Pair Configuration	Min. Sheath Thickness (mm)	Max. Overall Diameter (mm)
212-20013010	Buried Cable 10x2x0.4mm BFC (JF/Arm)	0.4	1 x 10P	1.6	1.6
212-20013020	Buried Cable 20x2x0.4mm BFC (JF/Arm)	0.4	2 x 10P	1.6	1.6
212-20013030	Buried Cable 30x2x0.4mm BFC (JF/Arm)	0.4	3 x 10P	1.8	1.8
212-20013050	Buried Cable 50x2x0.4mm BFC (JF/Arm)	0.4	5 x 10P	2.2	2.6
212-20013100	Buried Cable 100x2x0.4mm BFC (JF/Arm)	0.4	10 x 10P	2.8	3.8
212-20013150	Buried Cable 150x2x0.4mm BFC (JF/Arm)	0.4	3 x 50P	2.8	3.8
212-20013200	Buried Cable 200x2x0.4mm BFC (JF/Arm)	0.4	4 x 50P	2.8	3.8
212-20013250	Buried Cable 250x2x0.4mm BFC (JF/Arm)	0.4	5 x 50P	2.8	3.8
212-20013300	Buried Cable 300x2x0.4mm BFC (JF/Arm)	0.4	6 x 50P	2.8	3.8
212-20013400	Buried Cable 400x2x0.4mm BFC (JF/Arm)	0.4	8 x 50P	2.8	3.8
212-20013600	Buried Cable 600x2x0.4mm BFC (JF/Arm)	0.4	6 x 100P	2.8	3.8
212-20023010	Buried Cable 10x2x0.5mm BFC (JF/Arm)	0.5	1 x 10P	1.6	1.6
212-20023020	Buried Cable 20x2x0.5mm BFC (JF/Arm)	0.5	2 x 10P	1.6	1.6
212-20023030	Buried Cable 30x2x0.5mm BFC (JF/Arm)	0.5	3 x 10P	1.6	1.6
212-20023050	Buried Cable 50x2x0.5mm BFC (JF/Arm)	0.5	5 x 10P	2.2	2.6
212-20023100	Buried Cable 100x2x0.5mm BFC (JF/Arm)	0.5	10 x 10P	2.8	3.8
212-20023200	Buried Cable 200x2x0.5mm BFC (JF/Arm)	0.5	4 x 50P	2.8	3.8
212-20023300	Buried Cable 300x2x0.5mm BFC (JF/Arm)	0.5	6 x 50P	2.8	3.8

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PACKING INFORMATION

Cable	Cable Length (Metre)	Packing Mode	N.W (kg)	G.W (kg)	Dimension (cm)
10 Pair	500	Wooden Drum	170.0	210.0	1000.0 x 1000.0 x 750.0
20 Pair	500	Wooden Drum	230.0	290.0	1000.0 x 1000.0 x 750.0
30 Pair	500	Wooden Drum	320.0	380.0	1300.0 x 1300.0 x 750.0
100 Pair	500	Wooden Drum	790.0	980.0	1300.0 x 1300.0 x 750.0
150 Pair	500	Wooden Drum	1620.0	1800.0	1600.0 x 1600.0 x 760.0
200 Pair	500	Wooden Drum	1950.0	2150.0	1600.0 x 1600.0 x 900.0