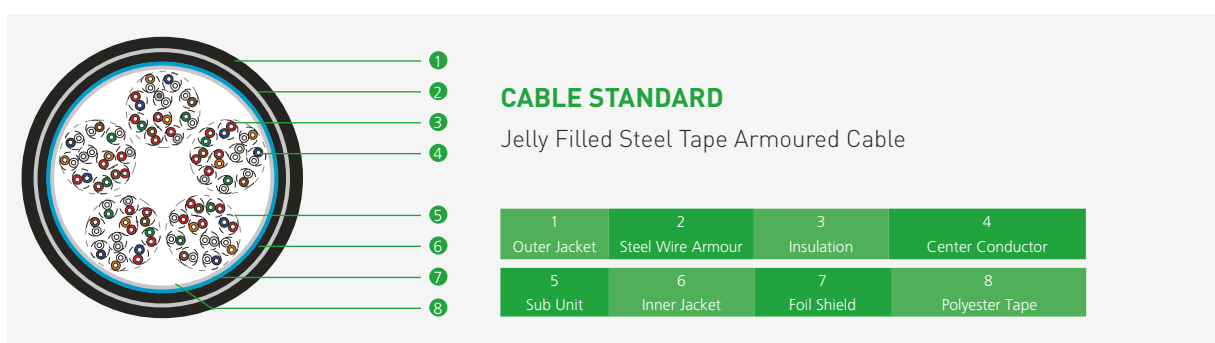


# EXTERNAL TELEPHONE CABLE JELLY FILLED / STEEL TAPE ARMoured

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	

# EXTERNAL TELEPHONE CABLE JELLY FILLED / STEEL TAPE ARMoured

## 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	0.4mm 10 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	1 x 10P	1.6	14.0
212-20013020	0.4mm 20 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	2 x 10P	1.6	15.5
212-20013030	0.4mm 30 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	3 x 10P	1.8	18.0
212-20013050	0.4mm 50 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	5 x 10P	2.2	20.0
212-20013100	0.4mm 100 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	10 x 10P	2.8	25.0
212-20013150	0.4mm 150 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	3 x 50P	2.8	28.0
212-20013200	0.4mm 200 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	4 x 50P	2.8	31.0
212-20013250	0.4mm 250 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	5 x 50P	2.8	33.5
212-20013300	0.4mm 300 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	6 x 50P	2.8	36.0
212-20013400	0.4mm 400 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	8 x 50P	2.8	40.0
212-20013600	0.4mm 600 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.4	6 x 100P	2.8	48.0
212-20023010	0.5mm 10 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	1 x 10P	1.6	15.0
212-20023020	0.5mm 20 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	2 x 10P	1.6	16.5
212-20023030	0.5mm 30 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	3 x 10P	1.8	19.5
212-20023050	0.5mm 50 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	5 x 10P	2.2	22.0
212-20023100	0.5mm 100 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	10 x 10P	2.8	28.0
212-20023150	0.5mm 150 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	3 x 50P	2.8	32.0
212-20023200	0.5mm 200 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	4 x 50P	2.8	37.0
212-20023250	0.5mm 250 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	5 x 50P	2.8	40.0
212-20023300	0.5mm 300 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	6 x 50P	2.8	43.0
212-20023400	0.5mm 400 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	8 x 50P	2.8	49.0
212-20023600	0.5mm 600 Pair BFC External Jelly Filled/ Steel Tape Armoured Buried Cable	0.5	6 x 100P	2.8	58.0