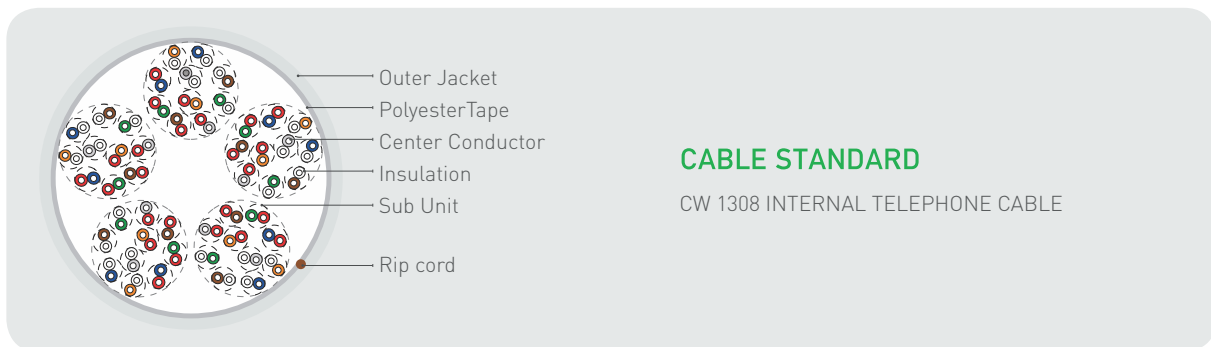
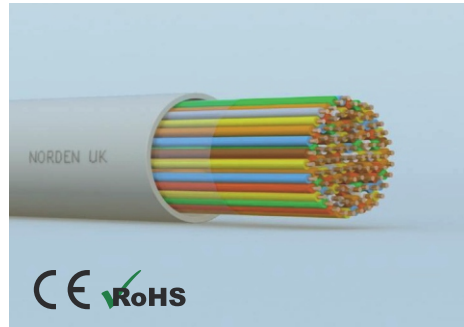


INTERNAL TELEPHONE CABLE CW 1308

Norden Internal Multi-pair Telephone cables are manufactured in accordance with BT type CW 1308. These cables are used for connecting telephone systems and data exchange systems with a plain annealed copper conductor of 0.4 mm, 0.5 mm, 0.6 mm & 0.9 mm diameter with PVC insulation.

These are twisted to form a pair and over sheathed in white, cream, gray & black PVC. A rip cord is laid under the sheath to facilitate its removal. An optional 1.38 mm diameter earth copper wire is available on 50 pair cables and above.



CABLE CONSTRUCTION

Conductor	Class 1 Solid annealed Bare Copper Conductors to BS 6360
Insulation	PVC (Polyvinyl Chloride)
Twisted Pair	Two single wires are twisted to form a Pair
No. of Twist/mtr	16 (Avg.)
Separator	Polyester Tape longitudinal wrapped
Rip Cord	Optional
Earth Wire	PVC insulated Bare Copper
Outer Jacket	PVC & LSZH (Optional)
Jacket Colour	Cream

PHYSICAL CHARACTERISTICS

Characteristic	Value			
	0.4 mm	0.5 mm	0.63 mm	0.9 mm
Conductor Size	26 AWG	24 AWG	22 AWG	19 AWG
Nom. Insulation Thickness	0.15 mm	0.15 mm	0.25 mm	0.30 mm
Nom. Insulated Conductor Diameter	0.75±0.05 mm	0.85±0.05 mm	1.13 mm	1.50 mm
Earth Wire Diameter	1.38 mm			
Min. Bending Radius	4 x D			
Max. Tensile Load (Installation)	No. of Pairs X 100 N			
Operating Temperature	-20°C to +75°C			
Installation Temperature	-20°C to +50°C			

INTERNAL TELEPHONE CABLE CW 1308

ELECTRICAL CHARACTERISTICS

Characteristic	Unit	Value			
		0.4 mm	0.5 mm	0.63 mm	0.9 mm
Max. Conductor DC Resistant @ 20 °C	Ω/km	153	97.8	65	21
Max. Capacitance Unbalance @ 800 Hz (Pair to Pair)	pF/500m	300	500	600	275
Min. Insulation Resistant at 500 VDC	MΩ.km	50			
Dielectric Strength between Pairs	KV/min	1.0			

INSULATION COLOUR CODE

Pair No.	Wire - A Colour	Wire - B Colour	Pair No.	Wire A - Colour	Wire - B Colour
1	White/Blue	Blue/White	14	Black /Brown	Brown/Black
2	White/Orange	Orange/White	15	Black /Grey	Grey/Black
3	White/Green	Green/White	16	Yellow /Blue	Blue/ Yellow
4	White/Brown	Brown/White	17	Yellow /Orange	Orange/ Yellow
5	White/Grey	Grey/White	18	Yellow /Green	Green/ Yellow
6	Red/Blue	Blue/Red	19	Yellow /Brown	Brown/ Yellow
7	Red /Orange	Orange/Red	20	Yellow /Grey	Grey/ Yellow
8	Red /Green	Green/Red	21	Violet /Blue	Blue/ Violet
9	Red /Brown	Brown/Red	22	Violet /Orange	Orange/ Violet
10	Red /Grey	Grey/Red	23	Violet /Green	Green/ Violet
11	Black /Blue	Blue/Black	24	Violet /Brown	Brown/ Violet
12	Black /Orange	Orange/Black	25	Violet /Grey	Grey/ Violet
13	Black /Green	Green/Black			

ORDERING INFORMATION

Part Number	Description	Conductor Diameter (mm)	Pair Config.	Max. Overall Diameter (mm)
211-01011002X	0.4 mm 002 Pair Internal Telephone Cable CW 1308 PVC	0.4	1 x 2P	3.6 ± 0.4
211-01011003X	0.4 mm 003 Pair Internal Telephone Cable CW 1308 PVC	0.4	1 x 3P	4.1 ± 0.4
211-01011004X	0.4 mm 004 Pair Internal Telephone Cable CW 1308 PVC	0.4	1 x 4P	4.6 ± 0.4
211-01011010X	0.4 mm 010 Pair Internal Telephone Cable CW 1308 PVC	0.4	1 x 10P	6.5 ± 0.5
211-01011025X	0.4 mm 025 Pair Internal Telephone Cable CW 1308 PVC	0.4	1 x 25P	9.2 ± 1.0
211-01011050X	0.4 mm 050 Pair Internal Telephone Cable CW 1308 PVC	0.4	5 x 10P	12.7 ± 1.0
211-01011100X	0.4 mm 100 Pair Internal Telephone Cable CW 1308 PVC	0.4	10 x 10P	16.5 ± 1.0
211-01011150X	0.4 mm 150 Pair Internal Telephone Cable CW 1308 PVC	0.4	3 x 50P	19.5 ± 2.0
211-01011200X	0.4 mm 200 Pair Internal Telephone Cable CW 1308 PVC	0.4	4 x 50P	22.4 ± 2.0
211-01021002X	0.5 mm 002 Pair Internal Telephone Cable CW 1308 PVC	0.5	1 x 2P	4.2 ± 0.4
211-01021003X	0.5 mm 003 Pair Internal Telephone Cable CW 1308 PVC	0.5	1 x 3P	4.6 ± 0.4
211-01021004X	0.5 mm 004 Pair Internal Telephone Cable CW 1308 PVC	0.5	1 x 4P	5.0 ± 0.4
211-01021010X	0.5 mm 010 Pair Internal Telephone Cable CW 1308 PVC	0.5	1 x 10P	7.3 ± 1.0
211-01021025X	0.5 mm 025 Pair Internal Telephone Cable CW 1308 PVC	0.5	1 x 25P	11.2 ± 1.0
211-01021050X	0.5mm 050 Pair Internal Telephone Cable CW 1308 PVC	0.5	5 x 10P	14.2 ± 1.0
211-01021100X	0.5 mm 100 Pair Internal Telephone Cable CW 1308 PVC	0.5	10 x 10P	21.0 ± 2.0
211-01021150X	0.5 mm 150 Pair Internal Telephone Cable CW 1308 PVC	0.5	3 x 50P	25.3 ± 2.0

INTERNAL TELEPHONE CABLE CW 1308

ORDERING INFORMATION

Part Number	Description	Conductor Diameter (mm)	Pair Config.	Max. Overall Diameter (mm)
211-01012002X	0.4 mm 002 Pair Internal Telephone Cable CW 1308 LSZH	0.4	1 x 2P	3.6 ± 0.4
211-01012003X	0.4 mm 003 Pair Internal Telephone Cable CW 1308 LSZH	0.4	1 x 3P	4.1 ± 0.4
211-01012004X	0.4 mm 004 Pair Internal Telephone Cable CW 1308 LSZH	0.4	1 x 4P	4.6 ± 0.4
211-01012010X	0.4 mm 010 Pair Internal Telephone Cable CW 1308 LSZH	0.4	1 x 10P	6.5 ± 0.5
211-01012025X	0.4 mm 025 Pair Internal Telephone Cable CW 1308 LSZH	0.4	1 x 25P	9.2 ± 1.0
211-01012050X	0.4 mm 050 Pair Internal Telephone Cable CW 1308 LSZH	0.4	5 x 10P	12.7 ± 1.0
211-01012100X	0.4 mm 100 Pair Internal Telephone Cable CW 1308 LSZH	0.4	10 x 10P	16.5 ± 1.0
211-01012150X	0.4 mm 150 Pair Internal Telephone Cable CW 1308 LSZH	0.4	3 x 50P	19.5 ± 2.0
211-01012200X	0.4 mm 200 Pair Internal Telephone Cable CW 1308 LSZH	0.4	4 x 50P	22.4 ± 2.0
211-01022002X	0.5 mm 002 Pair Internal Telephone Cable CW 1308 LSZH	0.5	1 x 2P	4.2 ± 0.4
211-01022003X	0.5 mm 003 Pair Internal Telephone Cable CW 1308 LSZH	0.5	1 x 3P	4.6 ± 0.4
211-01022004X	0.5 mm 004 Pair Internal Telephone Cable CW 1308 LSZH	0.5	1 x 4P	5.0 ± 0.4
211-01022010X	0.5 mm 010 Pair Internal Telephone Cable CW 1308 LSZH	0.5	1 x 10P	7.3 ± 1.0
211-01022025X	0.5 mm 025 Pair Internal Telephone Cable CW 1308 LSZH	0.5	1 x 25P	11.2 ± 1.0
211-01022050X	0.5 mm 050 Pair Internal Telephone Cable CW 1308 LSZH	0.5	5 x 10P	14.2 ± 1.0
211-01022100X	0.5 mm 100 Pair Internal Telephone Cable CW 1308 LSZH	0.5	10 x 10P	21.0 ± 2.0
211-01022150X	0.5 mm 150 Pair Internal Telephone Cable CW 1308 LSZH	0.5	3 x 50P	25.3 ± 2.0
211-01041002X	0.63mm 002 Pair Internal Telephone Cable CW 1308 PVC	0.63	1 x 2P	4.7 ± 0.4
211-01041020X	0.63mm 020 Pair Internal Telephone Cable CW 1308 PVC	0.63	1 x 20P	12.1 ± 1.0
211-01042025X	0.63mm 025 Pair Internal Telephone Cable CW 1308 LSZH	0.63	1 x 25P	13.2 ± 1.0
211-01041030X	0.63mm 030 Pair Internal Telephone Cable CW 1308 PVC	0.63	1 x 30P	14.5 ± 1.0
211-01041050X	0.63mm 050 Pair Internal Telephone Cable CW 1308 PVC	0.63	1 x 50P	18.2 ± 2.0

X: CR (Cream), WH (White), GY (Gray), BK (Black)

* R - Ripcord

PACKING INFORMATION

Cable	Cable Length (meter)	Packing Mode	N.W (kg)	G.W (kg)	Dimension (mm)
2 Pair	200	6 x Card board Reel/Ctn	21.6	23.0	560 x 285 x 310
3 Pair	200	6 x Card board Reel/Ctn	27.0	28.5	260 x 285 x 350
3 Pair	500	Plywood Reel/Ctn	11.3	13.0	330 x 330 x 200
4 Pair	200	6 x Card board Reel/Ctn	20.8	22.0	560 x 285 x 280
4 Pair	500	Plywood Reel/Ctn	13.0	15.0	330 x 330 x 240
10 Pair	200	Plywood Reel/Ctn	12.8	15.0	320 x 115 x 160
25 Pair	200	Plywood Reel	30.0	33.0	360 x 115 x 285
25 Pair	500	Plywood Reel	74.0	80.0	560 x 215 x 330
50 Pair	200	Plywood Reel	57.0	62.0	560 x 215 x 250
50 Pair	500	Plywood Reel	142.0	150.0	560 x 215 x 600
100 Pair	200	Plywood Reel	117.0	124.0	560 x 215 x 460
100 Pair	500	Plywood Reel	292.0	310.0	800 x 320 x 580