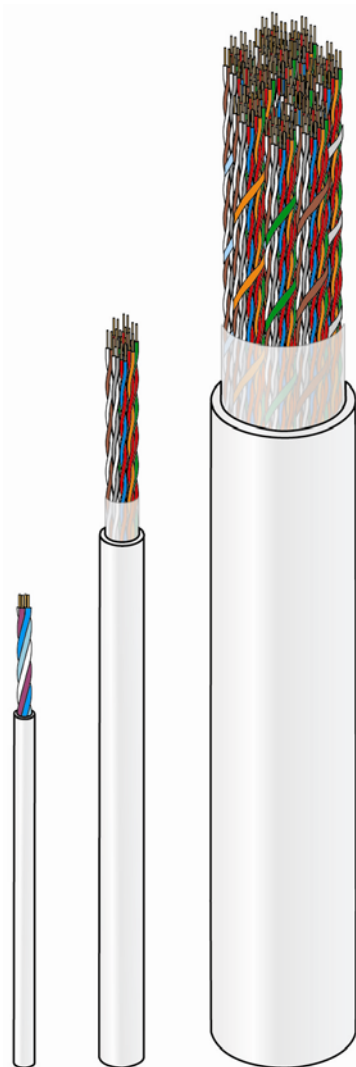


Access Network Pair cable, TEL 313 000

ELQXBE



Features

- Robust design with insulation of solid polyethylene
- Cable sizes 2 - 100 pair with conductor 0.5 mm
- Complies with SS 424 16 92
- Halogen-free design
- Flame-retardant IEC 60332-1-2, SS 424 1475 F2
- ROHS compliant

Application

Intended for indoor use in telecommunication systems.

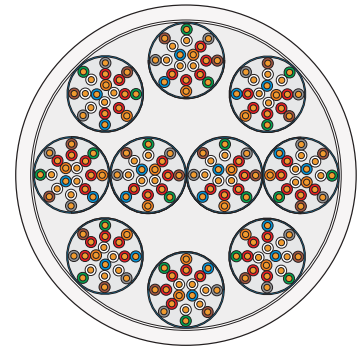
The cable is polyethylene insulated, pair twisted into units or twisted into a star quad for 2 pair cable. Jacketed with a halogen-free thermoplastic compound.

Cable design

- Conductor.....solid annealed copper wire.....Ø 0,5 mm
- Insulation.....solid polyethylene
- Pair.....twisted with different lay-lengths for all pairs within a unit.
- Unit.....ten pairs stranded into a unit with color coded binder
- Lay up.....2 pair: four insulated conductors twisted to quad (figure 1)
4-10 pair: stranded pairs in one unit.
20 – 100 pair: concentrically stranded with 10 pair units (figure 2).
- Wrapping.....plastic foil (4 –100 pair)
- Jacket.....flame retardant halogen free thermoplastic compound.



(figure 1)



(figure 2)

Electrical data

- Resistance.....96 ohm/km (max at 20°C)
- Resistance unbalance.....2 % (max)
- Insulation resistance.....10 000 Mohmxkm (min at 20°C)
- Capacitance.....44 nF/km (max average)
46 nF/km (max individual)
- Capacitance unbalance.....150 pF x L /500 m (max)

General data

- Operating voltage.....100 V
- Operating temp.....–40 to +75 °C
- Installation temp.....–15 to +40 °C
- Flame resistance.....IEC 60332-1 , SS 424 1475 – F2
- Halogen free.....IEC 60754-2
- Complies with.....SS 424 16 92
- Marking on jacket.....manufacturer, year and week of manufacture, Ericsson product No. designation and length marking. Cables less than 10 pairs have no marking on jacket.
- Color.....White

Order information

Product number	Number of conductors x diam	Delivery length/ drum	Cable Diam. mm	Net weight (kg/100m)
TEL 313 0005/4	1x4x0.5	500 m/K3	3.5	1.7
TEL 313 0005/4B	1x4x0.5	100m/Coil	3.5	1.7
TEL 313 0005/004	4x2x0.5	150 m/K3	6.1	4
TEL 313 0005/006	6x2x0.5	150 m/K3	7.0	5.5
TEL 313 0005/010	10x2x0.5	500 m/K5	9.0	9
TEL 313 0005/020	20x2x0.5	500 m/K7	12	15
TEL 313 0005/030	30x2x0.5	500 m/K8	14	22
TEL 313 0005/050	50x2x0.5	500 m/K9	17.5	35
TEL 313 0005/100	100x2x0.5	500 m/K11	24	65

Color code

Unit No	Pair No.	Color of core A-core	B-core	Identification color of unit
1	1	white	blue	Blue
	2	white	orange	
	3	white	green	
	4	white	brown	
	5	white	grey	
	6	red	blue	
	7	red	orange	
	8	red	green	
	9	red	brown	
	10	red	grey	
2	11 – 20	See unit 1		Orange
3	21 – 30	See unit 1		Green
4	31 – 40	See unit 1		Brown
5	41 – 50	See unit 1		Grey
6	51 – 60	See unit 1		Red – blue
7	61 – 70	See unit 1		Red - orange
8	71 – 80	See unit 1		Red – green
9	81 – 90	See unit 1		Red – brown
10	91 -100	See unit 1		Red - grey

Color code 2 pair

Pair No.	Color of core A-core	B-core
1	white	blue
2	turquoise	violet