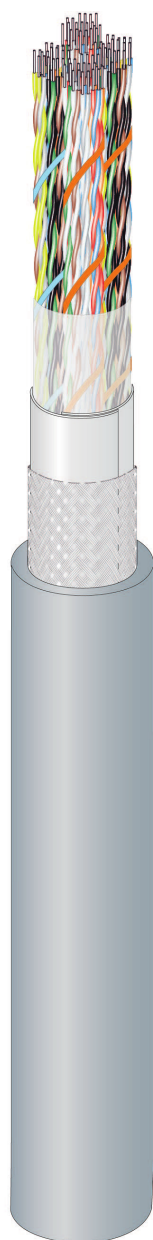


# LF Pair cables TEN 480 3402

ENAFQBU



## Features

- Reduced dimension and excellent durability by the polyamide insulation
- Excellent EMC performance with the combined shield of aluminum foil and braid
- Cable sizes 4 -128 pair as standard
- UL Listed
- Halogen-free design
- ROHS compliant

## Application

Intended for indoor use in telecommunication systems and ideally suited for dense LF applications.

The cable is polyamide insulated, pair twisted into units screened by an aluminum foil and braid and jacketed with a halogen-free compound.





## Cable design

- *Conductor*.....solid tin plated copper wire.....Ø 0.4 mm (26 AWG)
- *Insulation*.....polyamide.....Ø 0.6 mm
- *Pair*.....twisted with different lay-lengths for all pairs within the unit.
- *Unit*.....eight pairs stranded into a unit with color coded binder (1A-3B)
- *Super-unit*.....four units stranded into a super-unit with color coded binder (1D-4D)
- *Lay up*.....4 – 16 pair: stranded pairs in one unit.  
24 – 48 pair: concentric stranded with 8 pair units (1A–3B in color code).  
128 pair: concentric stranded with 32 pair super-units (1D–4D in color code).
- *Wrapping*.....plastic foil
- *Screen*.....aluminum foil and braid of tinned copper wires.
- *Jacket*.....flame retardant halogen free thermoplastic compound.



## Electrical data

- Resistance*.....153 ohm/km (max)
- Resistance unbalance*...4% (max)
- Capacitance*.....120 nF/km (max, RH20%)
- Capacitance unbalance*...150 pF/500 m (max, RH20%)
- Transfer impedance*.....20 mohm/m (up to 100 MHz)

## General data

- Operating voltage*.....100 V (max)
- Operating temp*.....-20 to +75 °C
- Bending radius*.....+20 °C 4 x outer diam (min)
- Halogen free*.....IEC 60754-2
- Flame resistance*.....IEC 60332-3- 24, UL 444 CMR
- Marking on jacket*.....manufacturer, year and week of manufacture, Ericsson product No., designation and length marking
- Color*.....Grey

## Order information

Product number	Number of pairs	Delivery length/drum	Cable Diam. mm	Net weight (kg/100m)
TEN 480 3402/004	4	500 m/K4	5.0	4.0
TEN 480 3402/008	8	500 m/K4	6.2	5.5
TEN 480 3402/012	12	500 m/K5	7.2	7.5
TEN 480 3402/016	16	500 m/K5	7.5	8.4
TEN 480 3402/024	24	500 m/K6	8.6	13.0
TEN 480 3402/032	32	500 m/K6	9.5	15.5
TEN 480 3402/048	48	500 m/K6	11	20.5
TEN 480 3402/128	128	530 m/K9	17	48.0

## Color code

Unit No	Pair No.	Color of core A-core B-core	Identification color of unit
1 A	1	white blue	Blue
	2	white orange	
	3	white green	
	4	white brown	
	5	red blue	
	6	red orange	
	7	red green	
	8	red brown	
1 B	9	black blue	Blue
	10	black orange	
	11	black green	
	12	black brown	
	13	yellow blue	
	14	yellow orange	
	15	yellow green	
	16	yellow brown	
2 A	17 - 24	See unit 1 A	Orange
2 B	25 - 32	See unit 1 B	Orange
3 A	33 - 40	See unit 1 A	Green
3 B	41 - 48	See unit 1 B	Green
8 pair units			
1 D	1 - 32	1A, 1B, 2A, 2B	Blue
2 D	33 - 64	1A, 1B, 2A, 2B	Orange
3 D	65 - 96	1A, 1B, 2A, 2B	Green
4 D	97 - 128	1A, 1B, 2A, 2B	Brown