Datacom/LAN cable S FTP CAT7 modified, TEL 301 8021

Features

- Modified CAT 7 version EIC verified
- Screened by aluminum foil and copper braid
- Cable size 4 pair 30 AWG 0.25 mm
- ROHS compliant
- Halogen-free design
- UL listed

Application

S/FTP Cable designed for installation in structured networks interconnecting data and telecom systems indoors.

The cable is polyolefin insulated, pair twisted and screened by aluminum foil. Overall screened by tinned copper braid and jacketed with a halogen-free compound.

Cable design

- *Conductor* ..... solid copper, wire size according to table
- *Insulation* ..... polyolefin
- *Pair* ..... twisted pair screened with aluminum foil
- *Lay up* ..... concentric stranded pairs.
- *Screen* ..... tinned copper braid.
- *Jacket* ..... flame retardant halogen free thermoplastic compound.

General data

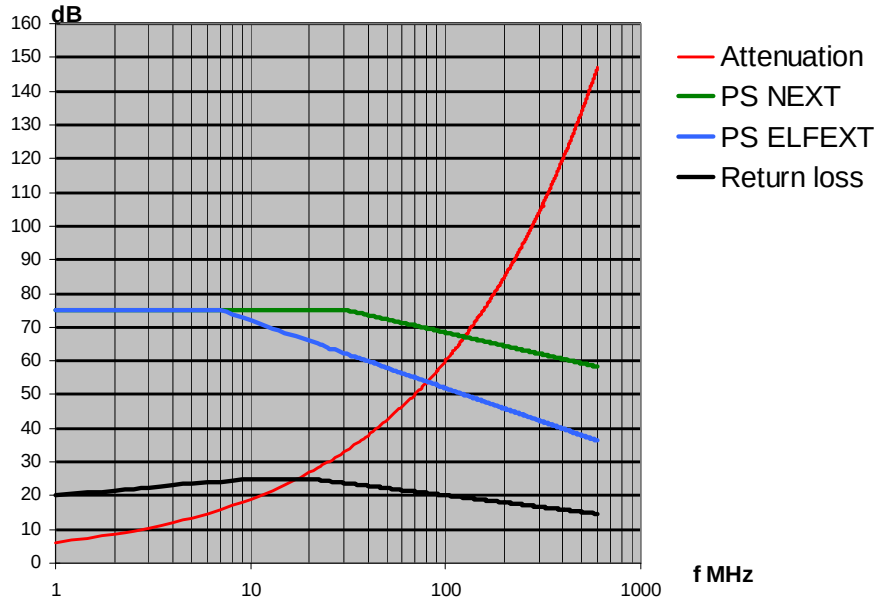
Operating voltage ..... 100 V
Operating temp ..... –20 to +75 °C
Flame resistance ..... IEC 60332-3-24 and UL 444 CMR
Halogen free ..... IEC 60754-2
Marking on jacket ..... manufacturer, year and week of manufacture, Ericsson product No., UL and length marking
Color ..... Black

Electrical data

Resistance ..... 360 mohm/m (max)
Impedance ..... 100±15 ohm (1-600 MHz)
100±22 ohm (100-250 MHz)
100±25 ohm (250-600 MHz)
Attenuation ..... 30 dB/m at 10 MHz, diagram
PS-NEXT ..... 75 dB (min) at 1-30 MHz, slope 15dB/decade
Screening attenuation ..... 40 dB (10 - 1000 MHz)
EIC verified ..... IEC 61156-5, EN 50 288-4-1
(Exception on attenuation due to downsized wire)

Color code

Pair No.	Color of core A-core	B-core
1	White	blue
2	White	orange
3	White	green
4	White	brown



Order information

Product number	Number of pairs x conductor diam	Delivery length/ drum	Cable Diam. mm	Net weight kg/100m
TEL 301 8021/004	4x2x0.25	2000 m/K6	4.5	2.8

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