VHF Pair cable, TEL 301 8018

ECEFL/100 S/FTP CAT 6 Outdoor

Features

- Weather-proof design for outdoor use
- Impedance 100 ohm
- Pair screen by aluminum foil
- Cable size 4 pair as standard
- Conductor size 23 AWG, 0.57 mm
- EIC verified CAT 6 type
- ROHS compliant
- Halogen free design

Application

S/FTP Cat 6 design with excellent transmission properties ideally suited to interconnect telecom and data system in structured data networks.

The cable is polyolefin insulated, pair twisted and screened by an aluminum foil. Overall screened by a tinned copper braid and jacketed with Polyehylene

Intended for outdoor use.

Cable design

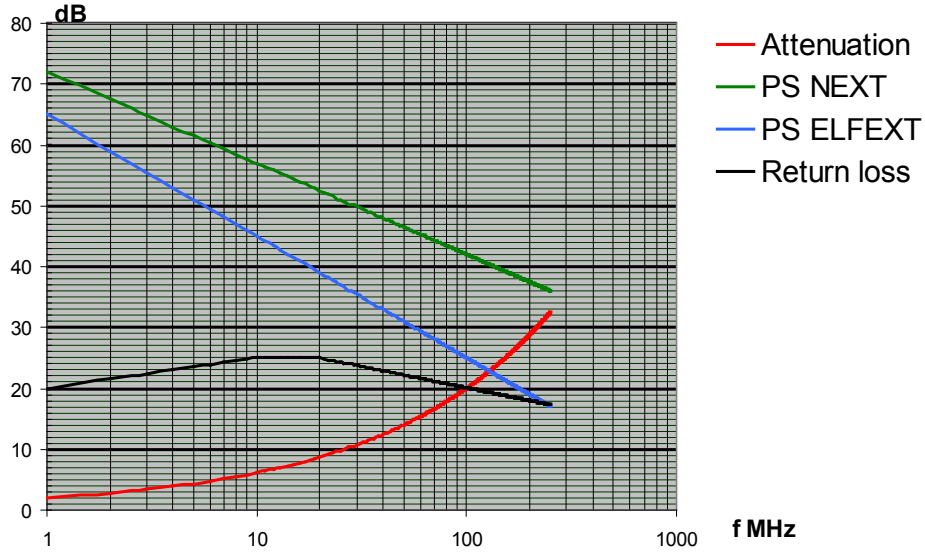
- *Conductor* ..... solid bare copper wire 23 AWG ..... Ø 0.57mm
- *Insulation* ..... foamskin polyolefin
- *Pair* ..... twisted pair screened with an aluminum foil
- *Lay up* ..... concentric stranded pairs.
- *Screen* ..... braid of tinned copper wires.
- *Jacket* ..... Polyethylene.

General data

Operating voltage ..... 100 V
Operating temp ..... –40 to +75 °C
Bending radius ..... 45 mm (min)
Halogen free ..... IEC 60754-2
Marking on jacket ..... year and week of manufacture,
Ericsson product No. and length marking
Color ..... Black

Electrical data

Resistance ..... 95 mohm/m (max)
Capacitance ..... 46 pF/m (nom)
Impedance ..... 100±15 ohm (1-100 MHz)
100±22 ohm (100-250 MHz)
Attenuation ..... 2.1 dB/100 m (max) at 1 MHz
PS_NEXT ..... 72 dB (min) at 1 MHz
Delay skew ..... 45 ns/100m (max)
Transfer impedance ..... 30 mohm/m (30 MHz)
EIC verified ..... IEC 61156-5, EN 50 288-5-1 and TIA/EIA-568-B.2-1



Order information

Product number	E-code	Number of pairs x conductor diam	Delivery length/ drum	Cable Diam. mm	Net weight kg/100 m
TEL 301 8018/004		4x2x0.57	1000 m/K6	9.0	6.6

Color code

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

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