VHF Pair cable, TEL 301 8020

ECEFQBU/100 S/FTP CAT 7

Features

- Impedance 100 ohm
- Pair screen by aluminum foil
- Cable size 4 pair as standard
- Conductor size 23 AWG, 0.57 mm
- EIC verified CAT 7 type
- ROHS compliant
- Halogen-free design
- UL listed

Application

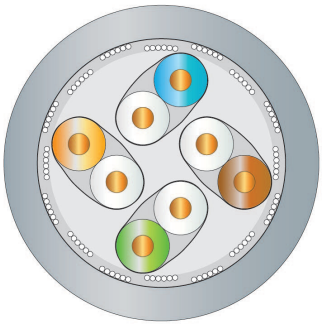
S/FTP Cat 7 design with excellent transmission properties ideally suited to interconnect telecom and data system in structured data networks.

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

LISTED E194530

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* ..... flame retardant halogen free thermoplastic compound.

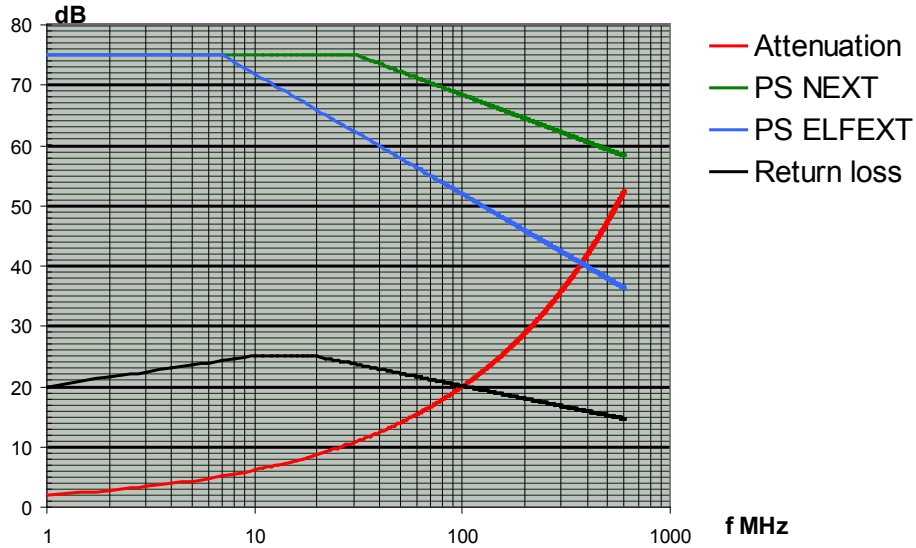


General data

Operating voltage ..... 100 V
Operating temp ..... –20 to +75 °C
Bending radius ..... 45 mm (min)
Flame resistance ..... IEC 60332-3- 24 and UL 444 CMR
Halogen free ..... IEC 60754-2
Marking on jacket ..... year and week of manufacture,
Ericsson product No., UL and length marking
Color ..... Grey

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)
100±25 ohm (250-600 MHz)
Attenuation ..... 2.0 dB/100 m (max) at 1 MHz
PS_NEXT ..... 75 dB (min) at 1 MHz
Delay skew ..... 45 ns/100m (max)
Transfer impedance ..... 30 mohm/m (30 MHz)
EIC verified ..... IEC 61156-5, EN 50 288-4-1



Order information

Product number	Number of pairs x conductor diam	Delivery length/ drum	Cable Diam. mm	Net weight kg/100 m
TEL 301 8020/004	4x2x0.57	500 m/K5	7.3	6.2

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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