

VHF Pair cable, TEL 301 6029

EMAFQBU/100 SF/UTP 28 AWG CAT 5e version



Features

- Impedance 100 ohm
- Screened by an aluminum foil and copper braid
- Cable size 3 and 4 pair
- 1000 base-T - 40 m
- Conductor size 28 AWG, 0.32 mm
- Modified CAT 5e version 28 AWG EIC verified
- ROHS compliant
- Halogen-free design
- UL listed

Application

SF/UTP cable designed for installation in structured networks indoors, interconnecting data and telecom system.

The cable is polyolefin insulated, pair twisted and screened by an aluminum foil and braid. Overall a jacket of halogen-free compound is applied.



LISTED E194530



Cable design

- *Conductor*.....solid tinned copper wire AWG 28_Ø 0.32 mm
- *Insulation*.....polyolefin
- *Pair*.....twisted pairs
- *Lay up*.....concentric stranded pairs.
- *Wrapping*.....plastic foil
- *Screen*.....aluminum foil and braid of tinned copper wires.
- *Jacket*.....flame retardant halogen free thermoplastic compound.

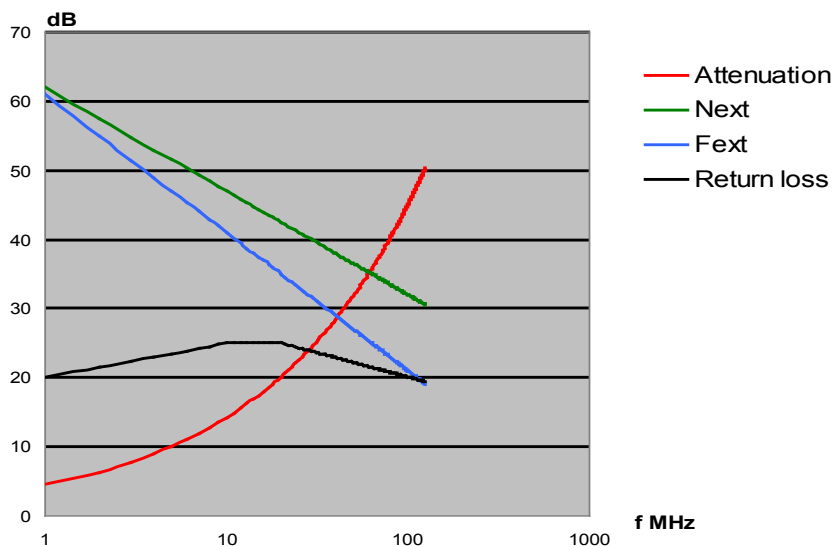


General data

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

Electrical data

- Resistance*.....245 mohm/m (max)
- Capacitance*.....51 pF/m (nom)
- Impedance*.....100±15 ohm (1-125 MHz)
- Attenuation*.....4.5 dB/100 m (max) at 1 MHz
- Near end crosstalk loss*...62 dB (min) at 1 MHz
- Delay skew*.....45 ns/100m (max)
- Transfer impedance*.....20 mohm/m (30 MHz)
- EIC verified*.....IEC 61156-5, EN 50 288-2-1 and TIA/EIA-568-B
(Exception on attenuation AWG 28 wire)



Order information

Product number	Number of pairs x conductor diam	Delivery length/ drum	Cable Diam. mm	Net weight kg/100m
TEL 301 6029/003	3x2x0.32	2000 m/K5	3.6	1.8
TEL 301 6029/004	4x2x0.32	2000 m/K5	4.0	2.1

Color code

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