

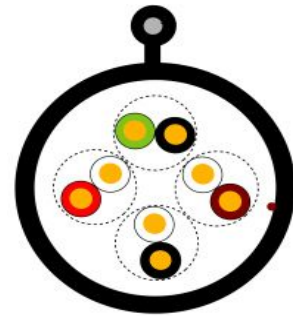
TELETRONIC	FTP CAT.5E AERIAL 24 AWG	Ed.10/2014
-------------------	-------------------------------------	------------

DESCRIPTION

CAT 5E Shielded Outdoor Ethernet Cable With Steel Messenger Cable for Outdoor Aerial Network Installations.

TECHNICAL SPECIFICATIONS

Conductor	Bare copper 0,52+/- 0,005 mm
Insulation	HDPE 0,96+/-0,05 mm
Identification of pairs	
1 pair	Blue - White / Blue
2 pair	Orange - White / Orange
3 pair	Green - White / Green
4 pair	Brown - White / Brown
Screening material	Pet foil + TC drain + Aluminum foil
Sheath	PE
Color	Black
Messenger	Steel 1,16+/-0,005 mm
Bending radius	≥ 8 x Diameter (mm) Installation
Storage temperature	-15°C + 70°C



ELECTRICAL CHARACTERISTICS

Type (n° Pairs. x AWG)	Conductor Resistance Ω/km	Resistance Unbalance	Cap. between cond. pair pF / m	Velocity of Propagation %	Impedance Ω	ΦExt. (Appvox) mm
4x2x24	max.86	max.5%	56	67	100+/-15	6,40+/-0,3

Frequency (MHz)	RL ≥dB	ATT ≤dB	NEXT ≥dB	DELAY ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	20	2	65.3	570	62.3	63.8	60.8
4	23	4.1	56.3	552	53.3	51.8	48.8
8	24.5	5.8	51.8	546.73	48.8	45.7	42.7
10	25	6.5	50.3	545.38	47.3	43.8	40.8
16	25	8.2	47.2	543	44.4	39.7	36.7
20	25	9.3	45.8	542.05	42.8	37.8	34.8
25	24.3	10.4	44.3	541.2	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
62.5	21.5	17	38.4	538.55	35.4	27.9	24.9
100	20.1	22	35.3	537.6	32.3	23.8	20.8

PACKING

305meter in wooden drum
1,000m in wooden drum