

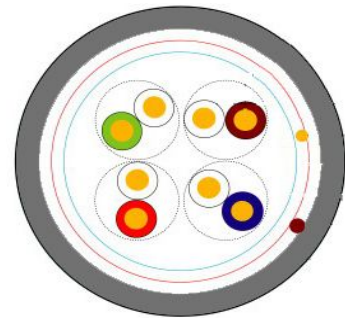
TELETRONIC	FTP CAT.5E 25 AWG	Ed.10/2014
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## DESCRIPTION

CAT 5E Shielded Ethernet Cable for Indoor Installations.

## TECHNICAL SPECIFICATIONS

Conductor	Bare copper 0,48+/- 0,005 mm
Insulation	HDPE 0,92+/-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	PVC
Color	Grey
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
4x2x25	max.105	max.5%	56	67	100+/-15	6,0+/-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

305 meter in pull box.