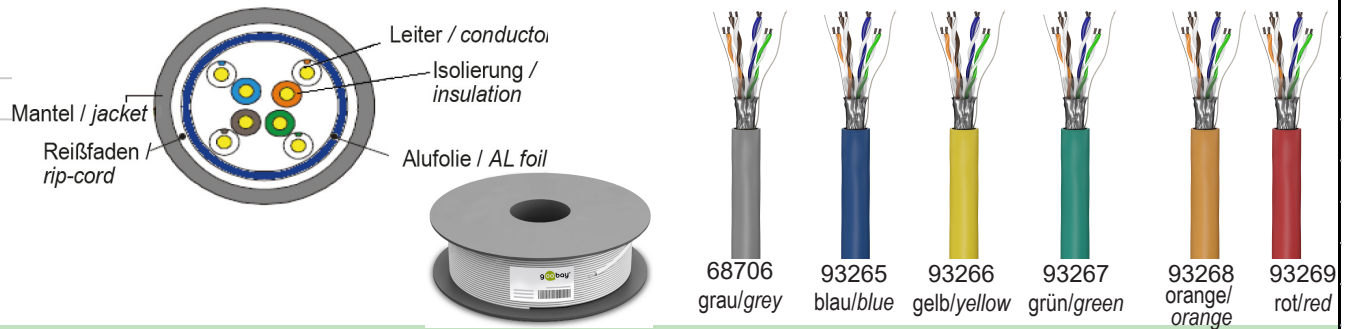


F/UTP 4pairs cable category5e



CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE: SOLID-Copper clad aluminum wire	Max.linear tesistance.	Ω /km	≤ 380
DIAMETER: $7 \cdot 0.15 \pm 0.005$ mm	Mutual capacity(nom.)	pF/m	50
AWG: 26/7	Unbalance capacity max	pF/km	1600
2-INSULATION	Characteristic impedance (1 at 100 MHz)	Ω	100 \pm 15
TYPE: PE solid	VELOCITY OF PROPAGATION (f > 1MHz)	%of c	66
DIAMETER: $0.9\text{mm} \pm 0.01\text{mm}$	Marking		
3-Drain wire : 0.45mm CCA	CAT 5e F/UTP Foil Shielded 4x2xAWG26/7 STRANDED 100OHM 100MHz EIA-TIA 568 "#Supplier No." +CPR		
4-SHIELDING: Aluminium/polyester			
Coverage 110%			
5-RIP CORD			
YES			
6-OUTER JACKET			
TYPE: PVC			
COLOUR: GREY			
THICKNES: 0.6mm			
EXTERNAL DIAMETER: $5.6\text{mm} \pm 0.2\text{mm}$			
PASS 40m FLUKE TEST			

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuatin (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	20,0	-	65,3	62,3	63,8	60,8
4	23,0	4,10	56,3	53,3	51,8	48,8
10	25,0	6,50	50,3	47,3	43,8	40,8
16	25,0	8,20	47,2	44,2	39,7	36,7
20	25,0	9,30	45,8	42,0	37,8	34,8
25	24,3	10,40	44,3	41,3	35,8	32,8
31,25	23,6	11,70	42,9	39,9	33,9	30,9
62,5	21,5	17,00	38,4	35,4	27,9	24,9
100	20,1	22,00	35,3	32,3	23,8	20,8

OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS: 10×Diameter
PACKING: 100m/ROLL



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