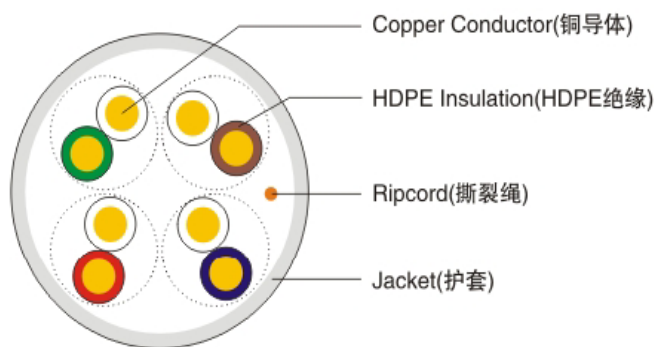


100 Ω CAT5 UTP 4pairs cable category5 - 100MHz - Eca PVC sheath



CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE: -Bare copper	Max.linear tesistance.	Ω/km	≤115
DIAMETER:7x0.15mm±0.005mm	Mutual capacity(nom.)	pF/m	56
AWG: 26 AWG	Unbalance capacity max (p/p at 1 KHz)	pF/km	1600
2-INSULATION	Characteristic impedance (1 at 100 MHz)	Ω	100±15
TYPE:HDPE	VELOCITY OF PROPAGATION (f>1MHz)	%of c	66
DIAMETER:0.75mm±0.05mm	Marking		
3-SYNTHETICAL SEPARTION FOIL:	CAT 5e U/UTP unshielded 4x2xAWG26/7 CU STRANDED 100 OHM 100MHz EIA-TIA 568 ##904## CPR		
4-DRAIN WIRE:			
5-SHIELDING:			
6-RIP CORD			
YES			
7-OUTER JACKET			
TYPE: Eca PVC			
COLOUR: GREY			
THICKNESS: 0.5mm±0.05mm			
EXTERNAL DIAMETER: 4.8 mm±0.5mm			

Test Request: FLUKE channel 60m

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEX T (dB)
1	20,0	2,0	62,3	62	60,8	61
4	23,0	4,1	53,3	53	48,8	49
10	25,0	6,5	47,3	47	40,8	41
16	25,0	8,2	44,2	44	36,7	37
20	25,0	9,3	42,0	43	34,8	35
25	24,3	10,4	41,3	41	32,8	33
31,25	23,6	11,7	39,9	40	30,9	31
62,5	21,5	17,0	35,4	35	24,9	25
100	20,1	22,0	32,3	32	20,8	21

OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:
 FIRE BEHAVIOUR:IEC60332-2
 PACKING: 100m Cable Reel-spool (68941)
 305m Cable-Reel-spool (93292)



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