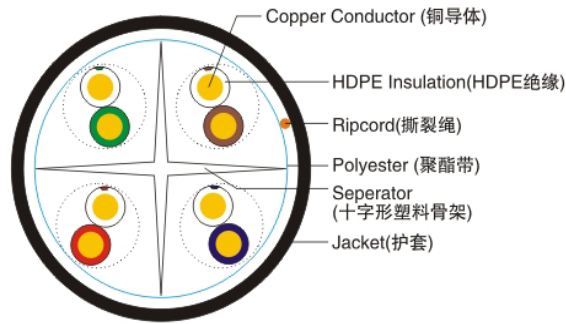


100 Ω CAT6 UTP 4pairs cable category6 - 250MHz - PE sheath



CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE:SOLID-Bare copper	Max.linear tesistance.	Ω/km	≤80
DIAMETER:0.55mm±0.005mm			
AWG:23	Mutual capacity(nom.)	pF/m	56
2-INSULATION	Unbalance capacity max	pF/km	1600
TYPE:PE solid	Characteristic impedance	Ω	100±15
DIAMETER:1.0mm±0.03mm			
3-SYNTHETICAL SEPARTION FOIL:	VELOCITY OF PROPAGATION	%of c	66
polyester	(f > 1MHz)		
4-DRAIN WIRE: no	Marking		
5-SHIELDING: no	as customer request		
6-RIP CORD			
YES			
7-OUTER JACKET			
TYPE:PE			
COLOUR:GREY			
THICKNESS: 0.55mm±0.05mm			
EXTERNAL DIAMETER: 6.2mm±0.2mm			
Operating temperature: -20 - 75°C			

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	20	2	74	72	68	65
4	23	3, 8	65	63	56	53
8	25	5	61	59	50	47
10	25	6	59	57	48	45
16	25	7, 6	56	54	44	41
20	25	8, 5	55	53	42	39
25	24	10	53	51	40	37
31, 25	24	10, 7	52	50	38	35
62, 5	22	15, 4	47	45	32	29
100	20	19, 8	44	42	28	25
160	19	26	41	39	24	21
200	18	29	40	38	22	19
250	17	32, 8	38	36	20	17

OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:

WHIGHT: kg/km

FIRE BEHAVIOUR:IEC60332-2

PACKING:

Rev.:0

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