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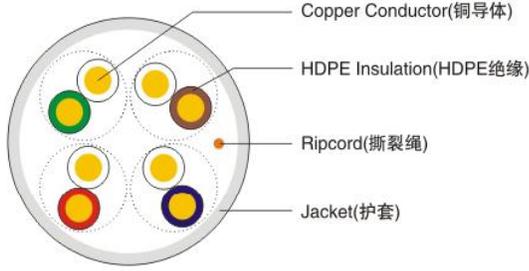
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Cat5e Riser ETL Specification Sheet

Part No: C5CU1000CMR-ETL

REF:ETL CAT5E-UTP	TECHNICAL DATA SHEET
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100 Ω CAT5E UTP 4pairs cable category5 - 350MHz - PVC CM /CMR sheath



CABLE DESCRIPTION

1-CONDUCTOR	PARAMETER	UNIT	VALUE
TYPE:SOLID-Bare copper	Max.linear tesistance.	Ω/km	≤115
DIAMETER:0.48mm±0.005mm			
AWG:24	Mutual capacity(nom.)	pF/m	56
2-INSULATION	Unbalance capacity max	(p/p at	1600
TYPE:PE solid	1 KHz)	pF/km	
DIAMETER:0.88mm±0.03mm	Characteristic impedance	(1 at	100±15
3-SYNTHETICAL SEPARTION FOIL:	100 MHz)	Ω	
polyester	VELOCITY OF PROPAGATION	%of c	66
4-DRAIN WIRE:	(f>1MHz)		
5-SHIELDING:			
6-RIP CORD			
YES			
7-OUTER JACKET			
TYPE:PVC CM/CMR			
COLOUR:GREY			
THICKNESS:0.55mm			
EXTERNAL DIAMETER: 5.1mm±0.2mm			

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (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	38.4	35	24.9	25
100	20.1	22.0	35.3	32	23.8	21
125	19.5	24.9	33.9	31	21.9	19.9
200	18.0	32.5	30.8	28	17.8	14.8

250	17.3	36.9	29.4	26	15.9	12.9
300	16.8	41.0	28.2	25	14.3	11.3
350	16.3	44.9	27.2	24	12.9	9.9

OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:

WHIGHT: kg/km

FIRE BEHAVIOUR:IEC60332-2

PACKING:305m BOX