



Characteristics

Designed of cable

Inner conductor	: Single bare copper (1/0.49±0.005mm)
Insulation	: HDPE
Size of Insulation	: Ø0.9±0.05mm
Core colour	: WH-BU /BU WH-OG/OG WH-GN /GN WH-BN /BN
Jacket	: PE
Colour	: Black
Size	: Ø5.2±0.2mm
Wall Thickness	: ≈0.5mm

Electric data at 20°C

Conductor resistance	: ≤96Ω/KM
Insulation resistance	: ≥5000MΩ×KM
Temperature	: -10°C to +60°C

Other Electric data

Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
MHz	Ω	≥dB/100M	≤dB/100M	≥dB/100M	≥dB/100M	≥dB/100M	≥dB/100M	≤ns/100M	
1	100±15	20	2.04	65.3	63.8	62.3	60.8	≤45	66%
4		23	4.1	56.3	51.7	53.3	48.7		
10		25	6.5	50.3	43.8	47.3	40.8		
16		25	8.2	47.3	39.7	44.3	36.7		
20		25	9.3	44.5	37.7	42.8	34.7		
31.25		23.6	11.6	42.9	33.9	39.9	30.9		
62.5		21.5	17	38.4	27.8	35.4	24.8		
100		20.1	22	35.3	23.8	32.3	20.8		

Part Number Table

Description	Part Number
CAT 5E Networking Outdoor Cable, Black, 100m	5ODSJ100M

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