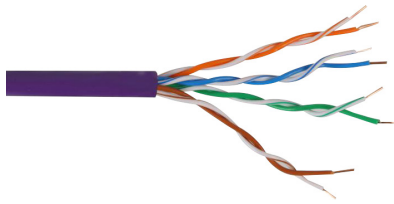


# CAT 5E Low Smoke Purple Cable **pro-POWER**

**RoHS  
Compliant**



## Specifications:

### Designed of cable

Inner conductor	: Single Bare Copper (0.485mm ±0.005mm)
Insulation	: HDPE
Insulation Dia	: 0.85mm ±0.05mm
Core colour	: White-Blue; White-Orange; White-Green & White-Brown
Jacket Material	: PVC
Colour	: Purple
Size	: 4.8mm ±0.2mm
Wall thickness	: 0.5mm

### Electric data at 20°C

Conductor resistance	: ≤110Ω/kM
Insulation resistance	: ≥5,000M Ω × kM
Testing voltage	: wire/wire 50Hz 1min=1.5kV
Permissible temperature	: -10°C to 60°C

### Other Electric data:

Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
Mhz	ohm	≥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 Cable Low Smoke Purple, 305m	CAT5ELSZH305

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