

0.238mm² 4P UTP LAN Cable



Technical data

Mechanical Characteristics:

Operating Temperature Rang: -15 °C --60 °C

Tested Temperature: 20 °C

Min. Insulation: ≥5000M Ω *km

Electrical Characteristics

Max. Conductor DC Resistance:

@20°C: ≤93.8 Ω /km

Tested Voltage: 1.5KV50Hz1min No Break

Cable structure

Conductor:

Number of Pairs: Refer Table Below

Conductor Material: Single Bare Copper

Nominal Conductor Area: 0.238mm²

No. of Strand/Strand Size: 1/0.55mm

Insulation:

Insulation Material: PE

Insulation Size: 1.02mm

Nominal Insulation Thickness: 0.23mm

PE HOLDER

Rip Wire:

OUTER JACKET:

Outer Jacket Material: PVC

Overall Nominal Diameter: See Table Below

Properties

The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Pairs	NOM. OVERALL DIAMETER (MM)	CABLE WEIGHT (kg/km)	COLORS	JACKET COLOR	AWG-NO.
4P	6.2	41.5	Blue/White-Blue Orange/White-Orange Green/White-Green Brown/White-Brown	Grey	23



DATA:

Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSFEXT	PSELFEXT	SKM	NVP
Mhz	ohm	$\geq$ db/100m	$\geq$ db/100m	$\geq$ db/100m	$\geq$ db/100m	$\geq$ db/100m	$\geq$ db/100m	$\leq$ ns/100m	66%
1	100±15	20.0	2.04	65.3	63.8	62.3	60.8	≤ 45	
4		23.0	4.1	56.3	51.7	53.3	48.7		
10		25.0	6.5	50.3	43.8	47.3	40.8		
16		25.0	8.2	47.3	39.7	44.3	36.7		
20		25.0	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	17.0	38.4	27.8	35.4	24.8		
100		20.1	22.0	35.3	23.8	32.3	20.8		

