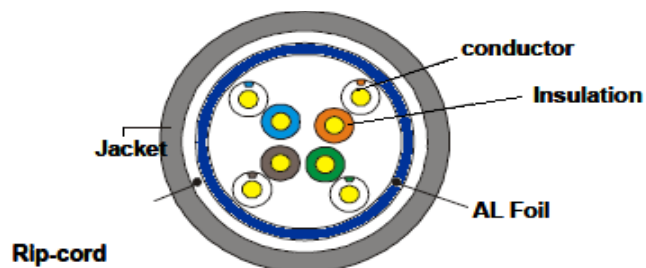


F/UTP 4pairs cable category5e - PE sheath



COLOUR:
 BLUE-WHITE/BLUE
 ORANGE-WHITE/ORANGE
 GREEN-WHITE/GREEN
 BROWN-WHITE/BROWN



CABLE DESCRIPTION

1-CONDUCTOR

TYPE:SOLID-Copper clad aluminum wire

DIAMETER:0.51±0.005mm

AWG:24/1

2-INSULATION

TYPE:PE solid

DIAMETER:0.9mm±0.01mm

3-Drain wire : 0.45mm CCA**4-SHIELDING:Aluminium/polyester**

Coverage 110%

5-RIP CORD

YES

6-OUTER JACKET

TYPE:PE

COLOUR:BLACK

THICKNES:0.6mm

EXTERNAL DIAMETER:5.7mm±0.2mm

PASS 60m FLUKE TEST

Operating temperature: -20 - 75°C

PARAMETER	UNIT	VALUE
Max.linear tesistance.	Ω /km	≤150
Mutual capacity(nom.)	pF/m	50
Unbalance capacity max	pF/km	1600
Characteristic impedance (1 at 100 MHz)	Ω	100±15
VELOCITY OF PROPAGATION (f>1MHz)	%of c	66

Marking

CAT 5e outdoor network cable, F/UTP, black
 CCA copper mixture for SOHO applications, AWG , PE

ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuatin (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1			65,3	62,3	63,8	60,8
4			56,3	53,3	51,8	48,8
10			50,3	47,3	43,8	40,8
16			47,2	44,2	39,7	36,7
20			45,8	42,0	37,8	34,8
25			44,3	41,3	35,8	32,8
31,25			42,9	39,9	33,9	30,9
62,5			38,4	35,4	27,9	24,9
100						

OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:10×Diameter

PACKING:100m/ROLL



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