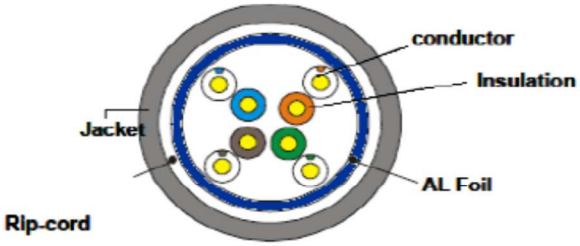
CABLE FTP CAT5E SOLID OUTDOOR BLACK AWG24/1 Ref. 57294

REF:CAT 5 CAT 5e outdoor network cable, F/UTP | **TECHNICAL DATA SHEET**

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 PE; UV PROTECTION And WATER RESISTENT

TYPE:PE
COLOUR:BLACK
THICKNES:0.6mm

EXTERNAL DIAMETER:5.7mm±0.2mm

PASS 60m FLUKE TEST

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						