



Cat 5e FTP Cable

BATT Part No:	77016 – Grey 77046 - Black
Inner conductor:	0.52mm plain copper
Insulation:	1.02mm foamed polyethylene
Screen:	Overall aluminium / polyester tape, longitudinally applied, aluminium side in, with a 0.40mm tinned copper drain wire applied under the screen.
Construction:	4 twisted pairs cabled together and wrapped in polyester tape
Colour code:	Pair 1: BE – WE/BE Pair 2: OE – WE/OE Pair 3: GN – WE/GN Pair 4: BN – WE/BN
Jacket:	Polyethylene
Overall diameter:	6.00 ± 0.20mm
Weight:	36 kg/km
Temperature range:	-60 to +80°C
Impedance: 100 ± 15 ohms	
Capacitance:	46 pF/m
Conductor Resistance:	94 ohms/km
Velocity rating:	76%
Electrical data:	

f (MHz)	Db/100m	Near end cross talk (dB)
1.000	2.00	65
4.000	3.90	56
8.000	5.60	51
10.000	6.30	50
16.000	8.00	46.9
20.000	9.00	45.5
31.250	11.30	42.6
62.500	16.50	38.1
100.0	21.30	35.0
120.0	23.60	33.8
130.0	24.65	33.2