

# CAT5E

Nova Code: **CAB-108A**



## Construction Parameters

Conductor	0.50mm CCA (Copper Clad Aluminum) 55%
Insulation	0.90mm HDPE
Cores/Pairs	8/4
Rip Cord	Yes
Sheath	5.1 mm PVC

## Mechanical Properties

Elongation	Min. 300%
Temperature Range	-20°C up to +75C
Tensile Strength	Min 1.68kg / mm <sup>2</sup>
Conductor Resistance	Max 9.38Ω / 100m
Resistance Unbalance	Max 2%
Insulation Resistance	Max 150Ω / km
Mutual Capacitance	Max 5600pF / 100m
Capacitance Unbalance	Max 330pF / 100m
Impedance	100 ± 15
Spark Test	2000V
1Velocity of Propagation	67%

Specification subject to change without notice. Issue 1