



CAT7

Application:

Category 7 **cable** (CAT7), (ISO / IEC 11801:2002 category 7/class F), is a **cable** standard for Ultra Fast **Ethernet** and other interconnect technologies that can be made to be backwards compatible with traditional **CAT5** and **CAT6 Ethernet** cable.

Construction

Center conductor	4x2x(7x0.2) mm (23AWG) TC
Dielectric	PE 1.05mm
Individual Shielding	PBT/AL
Overall Shielding	TC wire shielding
Outer jacket	7.8mm PVC

Performance Characteristics

Frequency	Impedance ohm	Attenuation (dB/100m)	Next dB	ACR dB
1.00MHz	100+/-15	2.0	80.0	78.0
10.00MHz	100+/-15	6.0	80.0	74.0
16.00MHz	100+/-15	7.6	80.0	72.4
20.00MHz	100+/-15	8.5	80.0	71.5
31.25MHz	100+/-15	10.6	80.0	69.4
62.50MHz	100+/-15	15.1	75.5	60.4
100.0MHz	100+/-15	19.3	72.4	53.1
155.0MHz	100+/-25	24.2	69.6	45.3
200.0MHz	100+/-25	27.7	67.9	40.2
300.0MHz	100+/-25	34.4	65.3	30.9
600.0MHz	100+/-25	50.0	60.8	10.7