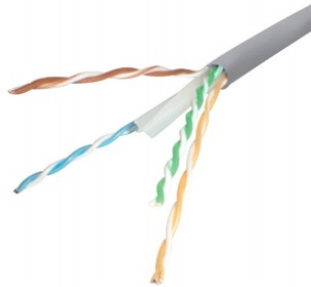


## Cat6 Excel Brand PVC Grey Technical Data Sheet



Installation Temperature Range	Operating Temperature Range	Bending Radius	Nominal Overall Diameter
0°C to +50°C	-20°C to +60°C	4 x OD (installed) 8x OD (installing)	6.2mm

<b>Conductor:</b>	Solid Copper 23AWG
<b>Insulation:</b>	PE (Polyethylene)
<b>Pairs:</b>	Pair1: Blue, White/Blue Pair2: Orange, White/Orange Pair3: Green, White/Green Pair4: Brown, White/Brown
<b>Sheath:</b>	Grey, PVC (Polyvinyl Chloride)
<b>Standards:</b>	TIA/EIA 568-B.2-1, TIA-568-C.2-2009, EN50173-1 and ISO/IEC 11801 Category 6 specifications. Standard of flame retardancy to IEC 60332-1[1,2] (2004-07)

Frequency (MHz)	Insertion Loss (dB)	NEXT (dB)	Return Loss (dB)	ACR-F (dB)	PS NEXT (dB)	PS ACR-F (dB)
1.0	-	-	20	-	-	-
4.0	3.8	66.3	23	56	63.3	53
10.0	6	60.3	25	48	57.3	45
16.0	7.6	57.2	25	43.9	54.3	40.9
20.0	8.5	55.8	25	42	52.8	39
31.25	10.7	52.9	23.6	38.1	49.9	35.1
62.5	15.5	48.4	21.5	32.1	45.4	29.1
100.0	19.9	45.3	20.1	28	42.3	25
200	29.1	40.8	18	22	37.8	19
250	33	39.3	17.3	20	36.3	17