

## Cat5e Excel Brand PVC Grey Technical Data Sheet



Operating Temperature Range	Bending radius	Nominal Overall Diameter
-10°C to +75°C	4 x OD (installed) 8x OD (installing)	5.2mm

<b>Conductor:</b>	Solid Copper 24AWG
<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>	Flame retardancy to IEC 60332-1-[1,2] (2004-07) Manufactured, tested and verified to the ISO/IEC 11801 2nd Edition, EN 50173:2007 and ANSI/TIA-568-C.2

Frequency (MHz)	Insertion Loss (dB)	NEXT (dB)	Return Loss (dB)	ACR-N (dB)	ACR-F (dB)	PS NEXT (dB)	PS ACR-F (dB)
1.0	2	62	20	60	64	62	64
4.0	3.8	53	23	49.2	52	53	51
10.0	6.5	47	25	40.5	44	47.3	44
16.0	8.2	44	25	35.8	39.9	44.2	40.9
20.0	9.2	43	25	33.8	38	42.8	39
31.25	11.7	40	23.6	38.3	34.1	39.9	35.1
62.5	17	35	21.5	18	28.1	35.4	29.1
100.0	22	32	20.1	10	24	32.3	25