

## Extended Distance Guarantee Copper

Extended Application Drive Distances: Aginode recommend that installations are installed in accordance with the relevant standards for open structured cabling in order to ensure support for future emerging applications.

However, where an application specific warranty is requested, Aginode guarantee the following specific applications over the channel distances shown in place of standard application and performance guarantee.

Application Drive Distance without PoE (m)	LANmark Unscreened*	LANmark Screened		
	Cat.6	Cat.6	Cat.6A	Cat.7 & 7A
10base-T ( Ethernet)	177	177	177	177
100Base-T (Fast Ethernet)	140	140	140	140
1000Base-T (Gigabit Ethernet)	100	115	115	130
10GBase-T (10 Gigabit Ethernet)	n/a	n/a	100	120**
Class E applications	100	100	100	100
Class EA applications	n/a	n/a	100	100
Classe F and FA applications	n/a	n/a	n/a	100

Application Drive Distance with PoE (m)	LANmark Unscreened*	LANmark Screened				
	Cat.6	Cat.6	Cat.6A	Cat.7	Cat.7A AWG 23	Cat.7A AWG 22
10base-T ( Ethernet)	130	130	140	150	165	177
100Base-T (Fast Ethernet)	130	130	140	140	140	140
1000Base-T (Gigabit Ethernet)	100	115	115	130	130	130
10GBase-T (10 Gigabit Ethernet)	n/a	n/a	100	120**	120**	120**

(\*): U/UTP extended drive distances apply only to discrete unbundled cable runs which must be installed so as to avoid the effects of alien crosstalk.

(\*\*): 10G supported up to 120m on 2 connector channels using LANmark-7A hybrid cords (N101.2DAxO)