



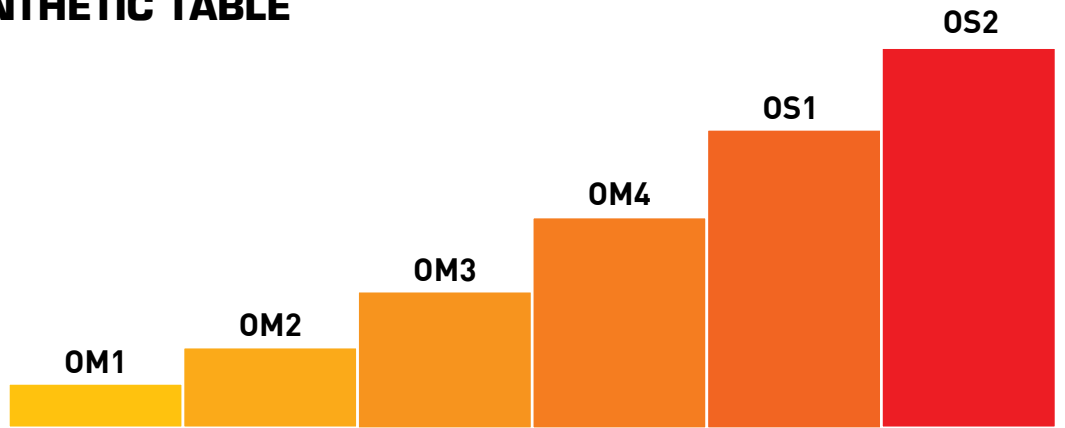
ESSENTIAL INFORMATION AT A GLANCE

COPPER SYSTEM SYNTHETIC TABLE

	CAT.5e	CAT.6	CAT.6a	CAT.7	CAT.7a
Maximum Frequencies					
System Standards	ISO 11801 CLASS D EN 50173-1 CLASS D EAI/TIA 568-C.2 CAT5e	ISO 11801 CLASS E EN 50173-1 CLASS E EAI/TIA 568-C.2 CAT6	ISO 11801 CLASS Ea EN 50173-1 CLASS Ea EAI/TIA 568-C.2 CAT6a	ISO 11801 CLASS F EN 50173-1 CLASS F	ISO 11801 CLASS Fa EN 50173-1 CLASS Fa
Type of shielding					
Type of connector	RJ45 (IEC 60603-7-x) 	RJ45 (IEC 60603-7-x) 	RJ45 (IEC 60603-7-x) 	GG45 ou Tera (IEC 60603-7-7 or 61076-3-104) 	GG 45 or Tera
Communication	1000 Megabits/s	10 Gigabits/s	10 Gigabits/s	Futur applications	Futur applications
Security	IP camera	IP camera powered by POE	HD IP camera powered by POEp	HD IP camera powered by POEp	HD IP camera powered by POEp
TV					



FIBER SYSTEM SYNTHETIC TABLE



Type of fiber	Multimode				Monomode	
	62.5/125 μ m	50/125 μ m		9/125 μ m		
Structure						
Maximum Bandwith	500 Mhz *Km	500Mhz*Km	2000Mhz*Km	4700Mhz*Km	Infinite	Infinite
System standard	EN 50173-1 ISO 11801	EN 50173-1 ISO 11801	EN 50173-1 ISO 11801	EN 50173-1 ISO 11801	EN 50173-1 ISO 11801	EN 50173-1 ISO 11801
Type of connector : 2.5mm	 	 	 	 	 	
Type of connector : 1.25mm		 	 	 	 	
Multifiber connector		 	 	 	 	
Communication	1000 Megabits/s over 550 m.	1000 Megabits/s over 550 m.	10 Gigabits/s over 300 m.	10 Gigabits/s over 550 m.	100 Gigabits/s over 2000 m.	100 Gigabits/s over 10000 m.