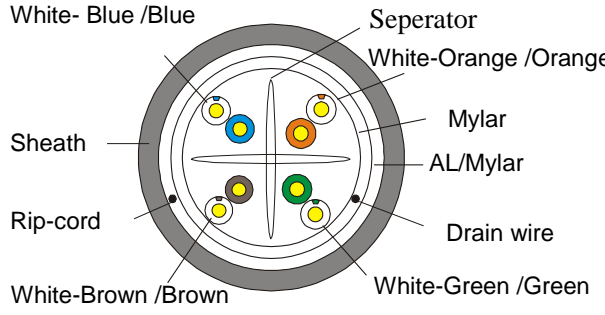


## Cat6 F/UTP 4Pr 24awg SOLID LSZH Sheath Grey

P/N: XX60009

Date	Prepared by	Checked by	Approved by	Version	Revision Declaration																																																																	
22-01-17				A0																																																																		
Content of the Data Sheet																																																																						
Sheath Printing	MaXXam XX60009 Cat6 F/UTP 24awg Solid 4PR LSOH ETL Verified to ANSI/TIA 568C.2 <a href="http://www.maxxam.co.uk">www.maxxam.co.uk</a> MMY 305m																																																																					
Customer Reference	XX60009																																																																					
Category	F/UTP CAT6-4P-LSZH																																																																					
Reference Standard	ISO/IEC11801、TIA-568-C.2																																																																					
Conductor	Material	SOLID-Bare Copper																																																																				
	Nom.O.D.(mm)	0.565	up	+0.005	down	-0.005																																																																
Insulation	Material	HDPE																																																																				
	Diameter	1.12±0.05 mm																																																																				
Screening Material	Mylar+ AL/Mylar																																																																					
Sheath	Thickness	0.60±0.05mm																																																																				
	External O.D.	7.4±0.4mm																																																																				
	Surface	Clean,Frap,Satiation																																																																				
	Material	LSZH(complies RoHS)																																																																				
	Color	Light Grey RAL7035																																																																				
Surface Printing	Letter height	3.0±0.3mm																																																																				
	Color	Black																																																																				
	Print error & Space	≤±0.5%, 1m																																																																				
	Core Color	1 White- Blue /Blue	2 White-Orange /Orange																																																																			
Packing	Reel	Reel Box																																																																				
	Wooden Tray dimension																																																																					
	Packing length	305±1.5m																																																																				
	Rip-cord	Yes	Drain wire	Yes																																																																		
	Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0																																																																			
Elongation(%)		≥125																																																																				
Aging Period (°C×hrs)		100°C×24h×7d																																																																				
After Aging Tensile Strength(Mpa)		≥8.0																																																																				
Elongation(%)		≥100																																																																				
Electrical Characteristics (20°C)	Cold bend(-20±2°C×4h)	8×Cable O.D., No visible cracks																																																																				
	1.0-250.0MHz Impedance (Ω)	100±15																																																																				
	1.0-250.0MHz Delay Skew (ns/100m)	≤45																																																																				
	Unbalanced-to-ground capacitance (pf/100m) max	330																																																																				
	DC Resistance (Ω/100m) max	9.38																																																																				
DC Conductor Resistance Unbalance (%) max	5.0																																																																					
																																																																						
<b>Technical Performance (100m):</b>																																																																						
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