

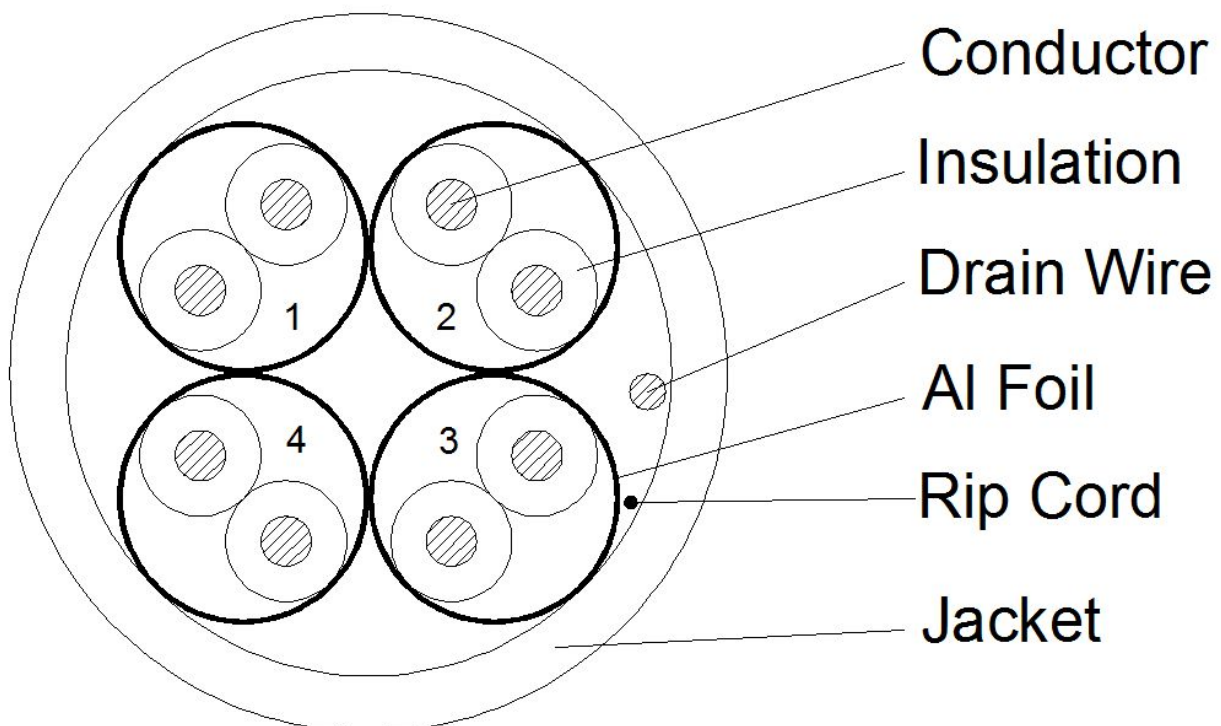


ENGLISH

Datasheet
Stock No. 113-5906
RS PRO 4 pairs U/FTP Cat7 grey PVC 100M



Cross Section



Marking	Performance				
CAT 7 U/FTP SOLID LAN CABLE 4PR 23AWG PVC ISO/IEC 11801 & IEC61156 001M--100M	Electrical Characteristics:				
Description	Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB)	Return loss (dB)
Application Horizontal Wiring in LAN	1	2.0	78.0	75.0	20
Reference Standard IEC61156- & ISO/IEC 11801	4	3.7	78.0	75.0	23
	10	5.9	78.0	75.0	25
	16	7.5	78.0	75.0	25
	20	8.4	78.0	75.0	25
	31.25	10.4	78.0	75.0	23.6
	62.5	14.9	75.5	72.5	21.5
	100	19.1	72.4	69.4	20.1
	200	27.6	67.9	64.9	18
	250	31.0	66.5	63.5	17.3
	300	34.2	65.3	62.3	17.3
	400	40.0	63.4	60.4	17.3
	500	45.3	61.9	58.9	17.3
	600	50.1	60.8	57.8	17.3
	Frequency (MHz)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)		
	1	78.0	75.0		
	4	78.0	75.0		
	10	74.0	71.0		
	16	69.9	66.9		
	20	68.0	65.0		
	31.25	64.1	61.1		
	62.5	58.1	55.1		
	100	54.0	51.0		
	200	48.0	45.0		
	250	46.0	43.0		
	300	44.5	41.5		
	400	42.0	39.0		
	500	40.0	37.0		
	600	38.4	35.4		
	Impedance			1~100MHZ	100+/-15
				100~600MHZ	100+/-25
	Max. Conductor DC Resistance 20°C (ohms/km)				78.1
Construction					
Conductor	Solid Bare Copper				
Conductor Dia. (±0.008mm)	1/0.56				
Insulation	FMPE				
Average Thickness(mm)	0.395				
Insulation Dia.(±0.05mm)	1.35				
Twisted	2C				
AL foil(Each Pair)	YES				
Assembly	4P				
Drain wire	Tinned Copper				
Conductor Dia. (mm)	1/0.40				
Jacket	PVC				
Average Thickness(±0.05mm)	0.52				
Min. Point Thickness(mm)	0.46				
Outer Dia.(±0.3mm)	7.5				
Rip Cord	YES				
Color					
Insulation colors are:					
1.White-Blue					
2.White-Orange					
3.White-Green					
4.White-Brown					
Jacket colors:					
Grey (RAL7035)					