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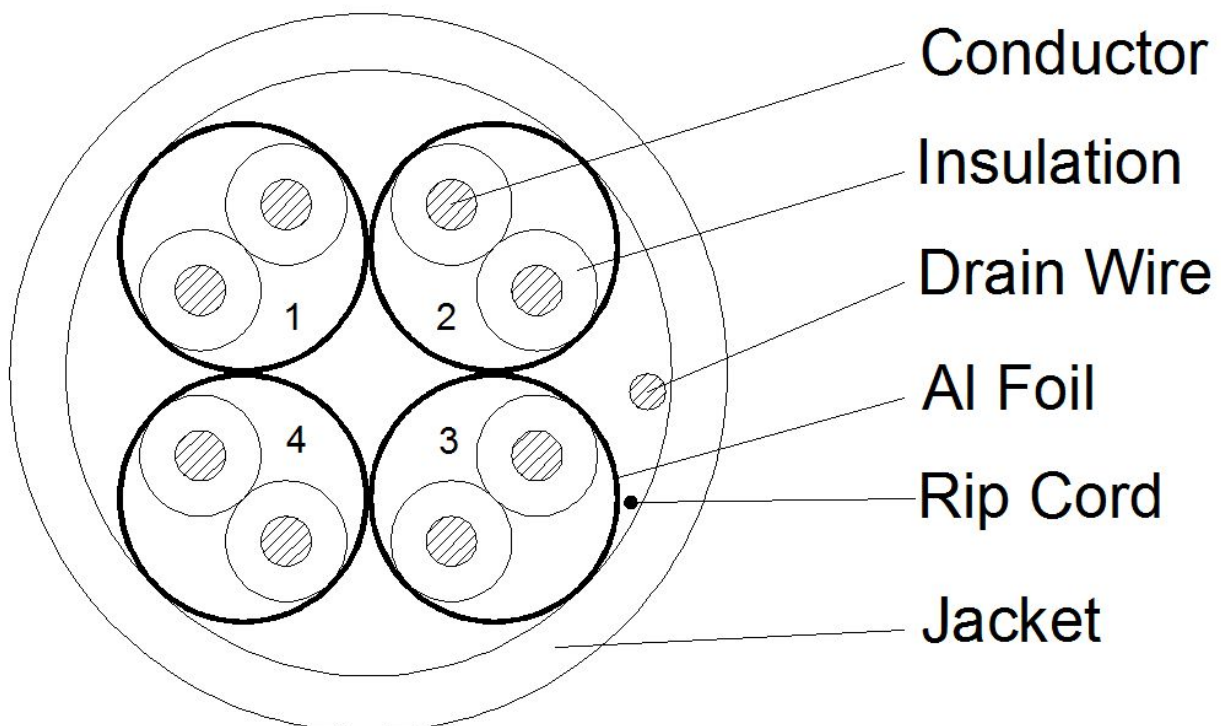
Datasheet

Stock No. 113-5903

RS PRO 4 pairs U/FTP Cat7 black 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
Construction		10	5.9	78.0	75.0	25
Conductor	Solid Bare Copper	16	7.5	78.0	75.0	25
Conductor Dia. (±0.008mm)	1/0.56	20	8.4	78.0	75.0	25
Insulation	FMPE	31.25	10.4	78.0	75.0	23.6
Average Thickness(mm)	0.395	62.5	14.9	75.5	72.5	21.5
Insulation Dia.(±0.05mm)	1.35	100	19.1	72.4	69.4	20.1
Twisted	2C	200	27.6	67.9	64.9	18
AL foil(Each Pair)	YES	250	31.0	66.5	63.5	17.3
Assembly	4P	300	34.2	65.3	62.3	17.3
Drain wire	Tinned Copper	400	40.0	63.4	60.4	17.3
Conductor Dia. (mm)	1/0.40	500	45.3	61.9	58.9	17.3
Jacket	PVC	600	50.1	60.8	57.8	17.3
Average Thickness(±0.05mm)	0.52	Frequency (MHz)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)		
Min. Point Thickness(mm)	0.46	1	78.0	75.0		
Outer Dia.(±0.3mm)	7.5	4	78.0	75.0		
Rip Cord	YES	10	74.0	71.0		
Color		16	69.9	66.9		
Insulation colors are:		20	68.0	65.0		
1.White-Blue		31.25	64.1	61.1		
2.White-Orange		62.5	58.1	55.1		
3.White-Green		100	54.0	51.0		
4.White-Brown		200	48.0	45.0		
Jacket colors:		250	46.0	43.0		
Black		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	