

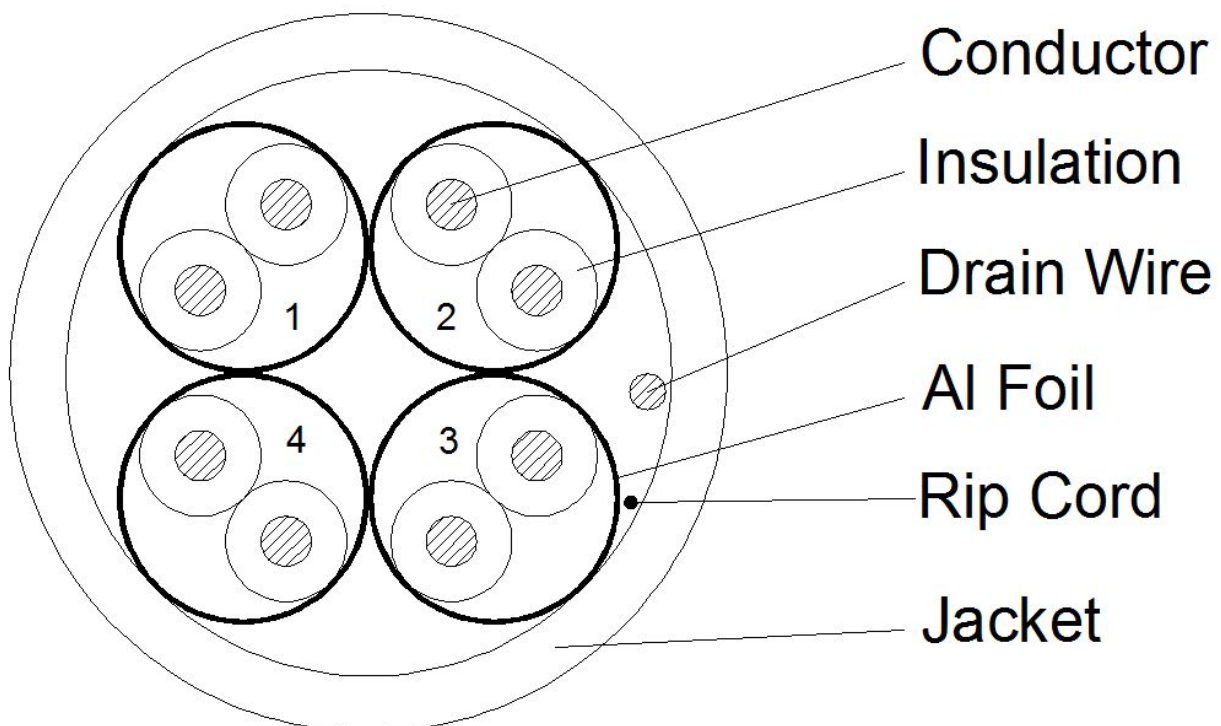


ENGLISH

Datasheet  
Stock No. 113-5907  
**RS PRO 4 pairs U/FTP Cat7 grey LSZH 100M**



**Cross Section**



Marking		Performance				
CAT 7 U/FTP SOLID LAN CABLE 4PR 23AWG LSZH ISO/IEC 11801 & IEC61156 001M--100M		<b>Electrical Characteristics:</b>				
<b>Description</b>		Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB/100m)	PSNEXT (dB)	Return loss (dB)
<b>Application</b> Horizontal Wiring in LAN		1	2.0	78.0	75.0	20
<b>Reference Standard</b> IEC61156- & ISO/IEC 11801		4	3.7	78.0	75.0	23
<b>Construction</b>		10	5.9	78.0	75.0	25
<b>Conductor</b>	<b>Solid Bare Copper</b>	16	7.5	78.0	75.0	25
Conductor Dia. (±0.008mm)	1/0.56	20	8.4	78.0	75.0	25
<b>Insulation</b>	<b>FMPE</b>	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
<b>AL foil(Each Pair)</b>	YES	250	31.0	66.5	63.5	17.3
Assembly	4P	300	34.2	65.3	62.3	17.3
<b>Drain wire</b>	<b>Tinned Copper</b>	400	40.0	63.4	60.4	17.3
Conductor Dia. (mm)	1/0.40	500	45.3	61.9	58.9	17.3
<b>Jacket</b>	<b>LSZH</b>	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		
<b>Color</b>		16	69.9	66.9		
<b>Insulation colors are:</b>		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		
<b>Jacket colors:</b>		250	46.0	43.0		
Grey (RAL7035)		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	