



## S/FTP Cat 5e PVC

<b>BATT Part No:</b>	77096
<b>Applications:</b>	Horizontal Wiring in LAN CABLE
<b>Multi-construction</b>	4 Pairs
<b>Conductor:</b>	Stranded Bare Copper
	24 AWG
<b>Insulation:</b>	Solid PE
<b>Covering:</b>	Polyester, AL/Pet, AA braid, Drain wire 7/0.16 BC, Rip cord
<b>Jacket:</b>	PVC
<b>Insulation colours:</b>	Blue, White/Blue
	Orange, White/Orange
	Green, White/Green
	Brown, White/Brown
<b>Colour:</b>	Grey
<b>Conductor Dia.</b>	7/0.16±0.005mm
<b>Insulation thickness:</b>	AVG: 0.21mm, MIN: 0.20mm
<b>Insulation diameter:</b>	0.88±0.02mm
<b>PVC thickness:</b>	AVG: 0.50mm, MIN: 0.46mm
<b>PVC diameter:</b>	5.6±0.30mm
<b>Max.Conductor DC Resistance at 20°C:</b>	140 Ω/Km
<b>Rated Temperature:</b>	75°C
<b>Rated Voltage:</b>	300V
<b>Velocity ratio:</b>	65%
<b>Standards:</b>	TIA/EIA568B
	ISO/IEC 11801

### Performance

Frequency (MHz)	RL(dB) min.	Attenuation (dB/100m) max	NEXT (dB)	ACR (dB)	ELFEXT (dB)	PSNEXT (dB)	PSELFEXT (dB/100m)	Impedance (Ohm)
1	17.0	3.05	62.30	60.30	60.75	62.30	60.75	-
4	18.8	6.06	53.26	49.20	48.71	53.26	48.71	-
8	19.7	8.64	48.75	43.00	42.69	48.75	42.69	-
10	20.0	9.69	47.30	40.80	40.75	47.30	40.75	-
16	20.0	12.36	44.30	36.10	36.67	44.30	36.67	100±15
20	20.0	13.89	42.78	33.50	34.73	42.78	34.73	-
25	19.3	15.62	41.33	30.90	32.79	41.33	32.79	-
31.25	18.6	17.58	39.87	28.20	30.86	39.87	30.86	-
62.5	16.5	25.49	35.36	18.40	60.75	62.30	60.75	-
100	15.1	32.96	32.29	10.30	48.71	53.26	48.71	-