

Product Specification

ELECTRICAL PERFORMANCES

Dielectric Strength of Insulation		2500 V dc / 2 seconds		
Insulation Resistance Test		Min. 5000 MΩ·Km		
Conductor Resistance		Max. 9.38 Ω/100m at 20°C		
Resistance Unbalance		Max. 2%		
Capacitance Unbalance		Max. 160 pF/100m		
Mutual Capacitance		Max. 5600 pF/100m		
Impedance	64kHz	125Ω ± 20%		
	1~500MHz	100Ω ± 15%		
Attenuation & Near End Cross Talk	Frequency (MHz)	Max.Attenuation (dB/100 meters)	NEXT (dB), Min	PSNEXT (dB), Min
	1 MHz	2.5*	74.3*	72.3*
	10 MHz	7.1*	59.3*	57.3*
	100 MHz	23.0*	44.3*	42.3*
	200 MHz	33.1*	39.8*	37.8*
	250 MHz	37.3*	38.3*	36.3*
	300 MHz	41.1*	37.1*	35.1*
	400 MHz	51.2*	35.3*	33.3*
	500 MHz	54.3*	33.8*	31.8*

The asterisked (*) value are for information only. The minimum Next coupling loss for any pair combination at room temperature is to be greater than the value determined using the formula:
 $NEXT \geq 31 - 50 \log_{10}(f \text{ MHz} / 330) \text{ dB}$

CONFIGURATION

orange	2	green	3
white/orange		white/green	
blue	1	brown	4
white/blue		white/brown	

