



Product information

Electrical performance

Article nr.:185950

Cat.5e U/UTP Eca 4 x 2 x 24 AWG PVC Grey

Version : 56P50-008

Standard : ISO/IEC11801 & TIA-568-C.2 & UL Subject 444 & YD/T1019-2013(P.R.C)

Application : Generic cabling systems. Including 10/100/1000 BaseT, ATM & Token Ring. This range of unscreened cables is designed to support Cat 5 Enhanced Link and Channel performance. With internationally defined Physical and Electrical performance up to 100MHz

Transmission performances

Frequency range

Frequency Unit	kHz			MHz																		
Transmission Frequency	1	10	100	1	4	8	10	16	20	25	31,25	62,5	100	200	250	300	400	500	600	1000	1500	2000
Attenuation (dB/100m)	-	-	-	2.0	4.1	5.8	6.5	8.2	9.3	10.4	11.7	17.0	22.0	-	-	-	-	-	-	-	-	-
Characteristic Impedance (ohm)	-	-	-	100±15										-	-	-	-	-	-	-	-	-
Return Loss (dB)	-	-	-	20.0	23.0	24.5	25.0	25.0	25.0	24.3	23.6	21.5	20.1	-	-	-	-	-	-	-	-	-
Skew(ns/100m)	-	-	-	45.0										-	-	-	-	-	-	-	-	-
Propagation Delay (ns/100m)	-	-	-	570	552	547	545	543	542	541	540	539	538	-	-	-	-	-	-	-	-	-
NEXT (dB)	-	-	-	65.3	56.3	51.8	50.3	47.2	45.8	44.3	42.9	38.4	35.3	-	-	-	-	-	-	-	-	-
PS NEXT (dB)	-	-	-	62.3	53.3	48.8	47.3	44.2	42.8	41.3	39.9	35.4	32.3	-	-	-	-	-	-	-	-	-
EL FEXT (dB/100m)	-	-	-	63.8	51.8	45.7	43.8	39.7	37.8	35.8	33.9	27.9	23.8	-	-	-	-	-	-	-	-	-
PS EL FEXT (dB/100m)	-	-	-	60.8	48.8	42.7	40.8	36.7	34.8	32.8	30.9	24.9	20.8	-	-	-	-	-	-	-	-	-
ACR-F (dB)	-	-	-	63.8	51.8	45.7	43.8	39.7	37.8	35.8	33.9	27.9	23.8	-	-	-	-	-	-	-	-	-
PS ACR-F (dB)	-	-	-	60.8	48.8	42.7	40.8	36.7	34.8	32.8	30.9	24.9	20.8	-	-	-	-	-	-	-	-	-