



Product information

Electrical performance

Article nr.:24031	Cat.6A S/FTP Marine Approved 4 x 2 x AWG 23/1 HFFR-LS Grey	Version : 66J56-008SHF1
Standard :	BS EN 50288-4 & TIA/EIA-568-C.2 & UL Subject 444 & YD/T1019-2013 (P.R.C.) & IEC61156-5 & ISO/IEC 11801	

Application :	Generic cabling systems. Including 10/100/1000 BaseT, ATM & Token Ring. This range of screened cables is designed to support Cat 6A Link and Channel performance. With internationally defined Physical and Electrical performance up to 500 MHz.
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Transmission performances				Frequency range																				
Frequency Unit	kHz			MHz																				
Transmission Frequency	1	10	100	1	4	10	16	20	31.25	62.5	100	200	250	400	500	600	700	800	900	1000	1500	2000		
Attenuation (dB/100m)	-	-	-	2.1	3.8	5.9	7.5	8.4	10.5	15.0	19.1	27.6	31.1	40.1	45.3	-	-	-	-	-	-	-		
Characteristic Impedance (ohm)	-	-	-	100±15										100±22		100±25		-	-	-	-	-	-	-
Return Loss (dB)	-	-	-	20.0	23.0	25.0	25.0	25.0	23.6	21.5	20.1	18.0	17.3	17.3	17.3	-	-	-	-	-	-	-		
Skew(ns/100m)	-	-	-	≤ 45												-	-	-	-	-	-	-	-	-
Propagation Delay (ns/100m)	-	-	-	570	552	545.4	543	542	540.4	538.6	537.6	536.5	536.3	536.3	536.3	-	-	-	-	-	-	-		
NEXT (dB)	-	-	-	75.3	66.3	60.3	57.2	55.8	52.9	48.4	45.3	40.8	39.3	36.3	34.8	-	-	-	-	-	-	-		
PS NEXT (dB)	-	-	-	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3	33.3	31.8	-	-	-	-	-	-	-		
EL FEXT (dB/100m)	-	-	-	68,0	56,0	48,0	43.9	42,0	38.1	32.1	28,0	22,0	20,0	16,0	14,0	-	-	-	-	-	-	-		
PS EL FEXT (dB/100m)	-	-	-	65,0	53,0	45,0	40.9	39,0	35.1	29.1	25,0	19,0	17,0	13,0	11,0	-	-	-	-	-	-	-		