

Category 3 U/UTP 100 Ohm
Horizontal and Backbone
Indoor LAN Cables

DataLink 16

TRANSMISSION PROPERTIES AND ELECTRICAL SPECIFICATIONS

FREQ.	Insertion Loss	NEXT	PS NEXT	SRL	Prop. Delay
MHz	dB/100m	dB	dB/100m	dB	nS/100m
	Max	Min	Min	Min	Max
1.00	2.6	41.0	41.0	12.0	570.0
4.00	5.6	32.3	32.3	12.0	552.0
10.00	9.7	26.3	26.3	12.0	545.4
16.00	13.1	23.3	23.3	10.0	543.0

Characteristic Impedance	100+/-15 Ohm @ 1-16 MHz
Resistance Unbalance	5% max.
Capacitance	66 pF/m max. @ 1 KHz
Cap. Unbalance (Wire to Ground)	3300 pF/Km max. @ 1 KHz.
Voltage Rating	72 Vdc max
Dielectric Strength	1500 Volts/1 minute rms
Velocity of Propagation (NVP)	67-69%
Insulation Resistance	5000 MegaOhm•Km min. @ 500 Vdc
Transfer Impedance	NA

ORDERING INFORMATION

HCS P/N	Description	OD mm	Weight Kg/Km	Packaging	Notes
H03-00201-DM	2x2x24# U/UTP CAT3 PVC Gray	4.2	20	1000m Drum	
H03-00202-DM	2x2x24# U/UTP CAT3 LSOH Gray	4.2	19	1000m Drum	
H03-00301-DM	3x2x24# U/UTP CAT3 PVC Gray	4.5	26	1000m Drum	
H03-00302-DM	3x2x24# U/UTP CAT3 LSOH Gray	4.5	25	1000m Drum	
H03-00401-DM	4x2x24# U/UTP CAT3 PVC Gray	5.1	31	1000m Drum	
H03-00402-DM	4x2x24# U/UTP CAT3 LSOH Gray	5.1	30	1000m Drum	
H03-00601-DM	6x2x24# U/UTP CAT3 PVC Gray	6.0	50	1000m Drum	
H03-00602-DM	6x2x24# U/UTP CAT3 LSOH Gray	6.1	49	1000m Drum	
H03-01001-DM	10x2x24# U/UTP CAT3 PVC Gray	8.0	82	1000m Drum	
H03-01002-DM	10x2x24# U/UTP CAT3 LSOH Gray	7.8	75	1000m Drum	
H03-02501-DM	25x2x24# U/UTP CAT3 PVC Gray	11.5	170	1000m Drum	
H03-02502-DM	25x2x24# U/UTP CAT3 LSOH Gray	11.5	165	1000m Drum	
H03-05001-DM	50x2x24# U/UTP CAT3 PVC Gray	15.4	315	1000m Drum	
H03-05002-DM	50x2x24# U/UTP CAT3 LSOH Gray	15.4	310	1000m Drum	
H03-10001-DP	100x2x24# U/UTP CAT3 PVC Gray	24.0	610	500m Drum	
H03-10001-DM	100x2x24# U/UTP CAT3 PVC Gray	24.0	610	1000m Drum	
H03-10002-DP	100x2x24# U/UTP CAT3 LSOH Gray	24.0	600	500m Drum	
H03-10002-DM	100x2x24# U/UTP CAT3 LSOH Gray	24.0	600	1000m Drum	
H03-20001-DP	200x2x24# U/UTP CAT3 PVC Gray	29.0	1320	500m Drum	
H03-20001-DM	200x2x24# UTP CAT3 PVC Gray	29.0	1320	1000m Drum	
H03-20002-DP	200x2x24# U/UTP CAT3 LSOH Gray	29.0	1300	500m Drum	
H03-20002-DM	200x2x24# U/UTP CAT3 LSOH Gray	29.0	1300	1000m Drum	
H03-30001-DP	300x2x24# U/UTP CAT3 PVC Gray	35.0	1880	500m Drum	
H03-30001-DM	300x2x24# U/UTP CAT3 PVC Gray	35.0	1880	1000m Drum	
H03-30002-DP	300x2x24# U/UTP CAT3 LSOH Gray	35.0	1860	500m Drum	
H03-30002-DM	300x2x24# U/UTP CAT3 LSOH Gray	35.0	1860	1000m Drum	