

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

DataLink 16

TRANSMISSION PROPERTIES AND ELECTRICAL SPECIFICATIONS

FREQ.	Insertion Loss	PS NEXT	PS EL FEXT	PS IO FEXT	RL & SRL	(Propagation Delay)
MHz	dB/100m	dB	dB/100m	dB/100m	dB	nS/100m
	Max	Min	Min	Min	Min	Max
1.00	2.6	41.0	39	42	12.0	570.0
4.00	5.6	32.3	27	33	12.0	552.0
10.00	9.7	26.3	19	29	12.0	545.4
16.00	13.0	23.3	15	28	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	50 mOhm/m @ 1 MHz. 100 mOhm/m @ 10 MHz.

ORDERING INFORMATION

HCS P/N	Description	OD mm	Weight Kg/Km	Cal. Value Kj/m	Packaging	Notes
H03-00211-DM	2x2x24# F/UTP CAT3 PVC Grey	4.6	22	400	1000m Drum	
H03-00212-DM	2x2x24# F/UTP CAT3 LSOH Grey	4.6	22	400	1000m Drum	
H03-00311-DM	3x2x24# F/UTP CAT3 PVC Grey	5.0	28.5	440	1000m Drum	
H03-00312-DM	3x2x24# F/UTP CAT3 LSOH Grey	5.0	28.5	440	1000m Drum	
H03-00411-DM	4x2x24# F/UTP CAT3 PVC Grey	5.6	34	533	1000m Drum	
H03-00412-DM	4x2x24# F/UTP CAT3 LSOH Grey	5.6	34	533	1000m Drum	
H03-00611-DM	6x2x24# F/UTP CAT3 PVC Grey	6.6	55	858	1000m Drum	
H03-00612-DM	6x2x24# F/UTP CAT3 LSOH Grey	6.6	55	858	1000m Drum	
H03-01211-DM	12x2x24# F/UTP CAT3 PVC Grey	8.8	90	1400	1000m Drum	
H03-01212-DM	12x2x24# F/UTP CAT3 LSOH Grey	8.8	90	1400	1000m Drum	
H03-02511-DM	25x2x24# F/UTP CAT3 PVC Grey	12.6	187	3135	1000m Drum	
H03-02512-DM	25x2x24# F/UTP CAT3 LSOH Grey	12.6	187	3135	1000m Drum	
H03-05011-DM	50x2x24# F/UTP CAT3 PVC Grey	16.9	346	5550	1000m Drum	
H03-05012-DM	50x2x24# F/UTP CAT3 LSOH Grey	16.9	346	5550	1000m Drum	
H03-10011-DP	100x2x24# F/UTP CAT3 PVC Grey	26.4	670	12100	500m Drum	
H03-10011-DM	100x2x24# F/UTP CAT3 PVC Grey	26.4	670	12100	1000m Drum	
H03-10012-DP	100x2x24# F/UTP CAT3 LSOH Grey	26.4	670	12100	500m Drum	
H03-10012-DM	100x2x24# F/UTP CAT3 LSOH Grey	26.4	670	12100	1000m Drum	
H03-20011-DP	200x2x24# F/UTP CAT3 PVC Grey	32.0	1450	25300	500m Drum	
H03-20011-DM	200x2x24# F/UTP CAT3 PVC Grey	32.0	1450	25300	1000m Drum	
H03-20012-DP	200x2x24# F/UTP CAT3 LSOH Grey	32.0	1450	25300	500m Drum	
H03-20012-DM	200x2x24# F/UTP CAT3 LSOH Grey	32.0	1450	25300	1000m Drum	
H03-30011-DP	300x2x24# F/UTP CAT3 PVC Grey	38.5	2068	36000	500m Drum	
H03-30011-DM	300x2x24# F/UTP CAT3 PVC Grey	38.0	2068	36000	1000m Drum	
H03-30012-DP	300x2x24# F/UTP CAT3 LSOH Grey	35.0	1860	32800	500m Drum	
H03-30012-DM	300x2x24# F/UTP CAT3 LSOH Grey	35.0	1860	32800	1000m Drum	