

TRANSMISSION PROPERTIES AND ELECTRICAL SPECIFICATIONS

FREQ.	Insertion Loss	NEXT	PS NEXT	SRL	Zo	(Propagation Delay)
MHz	dB/100m	dB	dB	dB	Ohm	nS/100m
	Max	Min	Min	Min		Max
0.772	1.8	64.0	64.0	23.0	100+/-15	575.0
1.00	2.0	62.3	62.3	23.0	100+/-15	570.0
4.00	4.1	53.3	53.3	23.0	100+/-15	552.0
8.00	5.8	48.8	48.8	23.0	100+/-15	546.7
10.00	6.5	47.3	47.3	23.0	100+/-15	545.4
16.00	8.2	44.3	44.3	23.0	100+/-15	543.0
25.00	10.4	41.3	41.3	22.0	100+/-15	541.2
31.25	11.7	39.9	39.9	21.1	100+/-15	540.4
62.50	17.0	35.4	35.4	18.1	100+/-15	538.6
100.00	22.0	32.3	32.3	16.0	100+/-15	537.6

Resistance Unbalance	3% max.
Capacitance	45 pF/m nom. @ 1 KHz
Cap. Unbalance (Wire to Ground)	1500 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	152 MegaOhm•Km min. @ 500 Vdc

ORDERING INFORMATION

HCS P/N	Description	OD mm	Weight Kg/Km	Cal. Value Kj/m	Packaging	Notes
H05-00401-BK	4x2x24# U/UTP CAT5 PVC Gray	5.0	31	475	1000ft Reelex II™	-
H05-00401-BP	4x2x24# U/UTP CAT5 PVC Gray	5.0	31	475	500m Reelex II™	-
H05-00401-DP	4x2x24# U/UTP CAT5 PVC Gray	5.0	31	475	500m Drum	-
H05-00401-DM	4x2x24# U/UTP CAT5 PVC Gray	5.0	31	475	1000m Drum	-
H05-00402-DP	4x2x24# U/UTP CAT5 LS0H Gray	5.0	31	475	500m Drum	-
H05-00402-DM	4x2x24# U/UTP CAT5 LS0H Gray	5.0	31	475	1000m Drum	-
H05-00801-DM	8x2x24# U/UTP CAT5 PVC Gray	7.7	62	930	1000m Drum	-
H05-00802-DM	8x2x24# U/UTP CAT5 LS0H Gray	7.7	62	930	1000m Drum	-
H05-01601-DM	16x2x24# U/UTP CAT5 PVC Gray	8.2	100	1500	1000m Drum	-
H05-01602-DM	16x2x24# U/UTP CAT5 LS0H Gray	8.2	100	1500	1000m Drum	-
H05-02501-DM	25x2x24# U/UTP CAT5 PVC Gray	12.2	180	2700	1000m Drum	-
H05-02502-DM	25x2x24# U/UTP CAT5 LS0H Gray	12.2	180	2700	1000m Drum	-
H05-05001-DM	50x2x24# U/UTP CAT5 PVC Gray	24.5x12.3	365	5200	1000m Drum	2x25P
H05-05002-DM	50x2x24# U/UTP CAT5 LS0H Gray	24.5x12.3	365	5200	1000m Drum	2x25P
H05-10001-DP	100x2x24# U/UTP CAT5 PVC Gray	30.0	830	11000	500m Drum	4x25P
H05-10001-DM	100x2x24# U/UTP CAT5 PVC Gray	30.0	830	11000	1000m Drum	4x25P
H05-10002-DP	100x2x24# U/UTP CAT5 LS0H Gray	30.0	830	11000	500m Drum	4x25P
H05-10002-DM	100x2x24# U/UTP CAT5 LS0H Gray	30.0	830	11000	1000m Drum	4x25P

Note: Standard Jacket Color: Light Gray RAL 7035. Other colors available upon request.